

# Population

This section presents statistics on the growth, distribution, and characteristics of the U.S. population. The principal source of these data is the Bureau of the Census, which conducts a decennial census of population, a monthly population survey, a program of population estimates and projections, and a number of other periodic surveys relating to population characteristics. For a list of relevant publications, see the Guide to Sources of Statistics in Appendix I.

**Decennial censuses.**—The U.S. Constitution provides for a census of the population every 10 years, primarily to establish a basis for apportionment of members of the House of Representatives among the States. For over a century after the first census in 1790, the census organization was a temporary one, created only for each decennial census. In 1902, the Bureau of the Census was established as a permanent Federal agency, responsible for enumerating the population and also for compiling statistics on other subjects.

The census of population is a complete count. That is, an attempt is made to account for every person, for each person's residence, and for other characteristics (sex, age, family relationships, etc.). Since the 1940 census, in addition to the complete count information, some data have been obtained from representative samples of the population. In the 1990 census, variable sampling rates were employed. For most of the country, one in every six households (about 17 percent) received the long form or sample questionnaire; in governmental units estimated to have fewer than 2,500 inhabitants, every other household (50 percent) received the sample questionnaire to enhance the reliability of sample data for small areas. Exact agreement is not to be expected between sample data and the complete census count. Sample data may be used with confidence where large numbers are involved and assumed to indicate trends and relationships where small numbers are involved.

Three different census counts for the resident population in 1970 are shown in

## In Brief

Total population, 1991	253 million
<i>Northeast</i>	20 %
<i>Midwest</i>	24 %
<i>South</i>	35 %
<i>West</i>	21 %
Total households, 1991	94 million
<i>One-person households</i>	25 %

the tables: 203,211,926; 203,235,298; and 203,302,031. The first is the initial tabulated count, the second is the official count, and the third contains the latest revisions. Breakdowns of the revised count of 203,302,031 are not available for demographic characteristics and may not be available for some levels of geography. The complete count data from the 1980 and 1990 censuses shown in this edition are consistent with figures published in the 1980 and 1990 census final reports, series PC80-1-A and series 1990 CP-1, respectively.

Census data presented here have not been adjusted for underenumeration. Results from the evaluation program for the 1980 census did not produce a definitive estimate of the undercount, but did show that coverage improved substantially over previous censuses. The 1980 Post-Enumeration Program (PEP) estimates of overall coverage ranged between a 1.0 percent overcount and a 2.1 percent undercount; Demographic Analysis (DA) estimated the net undercount at between 1.0 and 2.2 percent. Consistent estimates of census coverage for the censuses from 1940 to 1980 have been prepared by the method of demographic analysis. For one set of estimates, demographic analysis shows a net underenumeration of about 3.2 million persons in 1980, 6.1 million in 1970, and 6.2 million in 1960. Among the persons not counted in 1980 about 1.5 million were White-and-other races and 1.7 million were Black. The overall rate of net underenumeration in 1980, according to this set of estimates, was 1.4 percent. In 1970, the rate was 2.9 percent as compared

with 3.3 percent in 1960 and 4.4 percent in 1950. The percent net undercount of Blacks—while still high relative to the rest of the population—dropped from 8.0 percent in 1970 to 5.9 percent in 1980. See *The Coverage of Population in the 1980 Census, Evaluation and Research Reports*, PHC80-E4, for a discussion of the various estimates of census coverage.

**Current Population Survey (CPS).**—

This is a monthly nationwide survey of a scientifically selected sample representing the noninstitutional civilian population. The sample is located in 729 areas comprising 1,973 counties, independent cities, and minor civil divisions with coverage in every State and the District of Columbia and is subject to sampling error. At the present time, about 60,000 occupied households are eligible for interview every month; of these between 4 and 5 percent are, for various reasons, unavailable for interview.

While the primary purpose of the CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publications under the general title of Current Population Reports, which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Estimates of population characteristics based on the CPS will not necessarily agree with the counts from the census because the CPS and the census use different procedures for collecting and processing the data for racial groups, the Hispanic population, and other topics. Caution should also be used when comparing estimates for 1980 and later, (for education data, 1981 and later), which reflect 1980 census-based population controls, to those for 1971 through 1979 (for education, to 1980), which reflect 1970 census-based population controls. This change in population controls had relatively little impact on derived measures such as means, medians, and percent distribution, but did have a significant impact on levels.

**Population estimates and projections.**—National population estimates are derived by using decennial census data as benchmarks and data available from various

agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense and Department of Transportation); net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). Estimates for States and smaller areas are based on data series such as births and deaths, school statistics from State departments of education and parochial school systems, and Federal income tax returns. These estimates contain estimated emigration of 160,000 per year since 1980 and net undocumented immigration of 200,000 per year. For further information, see *Current Population Reports*, series P-25, No. 1045.

Estimates of the population by age for April 1, 1990 (shown in table 19) are modified counts. The review of detailed 1990 information indicated that respondents tended to provide their age as of the date of completion of the questionnaire, not their age as of April 1, 1990. In addition, there may have been a tendency for respondents to round up their age if they were close to having a birthday. A detailed explanation of the age modification procedure appears in *1990 Census of Population and Housing Data Paper Listing* (CPH-L-74).

Population estimates and projections are published in the P-25 and P-26 series of *Current Population Reports*. These estimates and projections are generally consistent with official decennial census figures and do not reflect the amount of estimated census underenumeration. However, these estimates and projections by race have been modified and are not comparable to the census race categories (see section below under "race"). For details on methodology, see the sources cited below the individual tables.

**Immigration.**—The principal source of immigration data is the *Statistical Yearbook of the Immigration and Naturalization Service*, published annually by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics are prepared from entry visas and change of immigration status forms. Immigrants are aliens admitted for legal

permanent residence in the United States. The procedures for admission depend on whether the alien is residing inside or outside the United States at the time of application for permanent residence. Eligible aliens residing outside the United States are issued immigrant visas by the U.S. Department of State. Eligible aliens residing in the United States are allowed to change their status from temporary to permanent residence at INS district offices. The category, immigrant, includes persons who may have entered the United States as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. Nonresident aliens admitted to the United States for a temporary period are nonimmigrants (tables 7 and 410). Refugees are considered nonimmigrants when initially admitted into the United States, but are not included in nonimmigrant admission data. A refugee is any person who is outside his or her country of nationality who is unable or unwilling to return to that country because of persecution or a well-founded fear of persecution.

U.S. immigration law gives preferential immigration status to aliens who are related to certain U.S. citizens or legal permanent residents, aliens with needed job skills, or aliens who qualify as refugees. Immigration to the United States can be divided into two general categories: (1) those subject to the annual worldwide limitation, and (2) those exempt from it. A maximum of 270,000 immigrants may be admitted annually under the current worldwide limitation. Visa allocation is determined by a system consisting of six preference categories, each with its own numerical limitation. The first, second, fourth, and fifth preferences are based on the alien's relationship with a U.S. citizen or legal permanent resident, and the third and sixth preferences are based on needed job skills (see table 6). Aliens not eligible for any of the six preferences may qualify for the nonpreference category. Heavy demand for preference visas has resulted in no nonpreference visas being issued since 1978. Additional visas have been issued under the non-preference category since 1987 to persons from countries adversely affected by the Immigration Amendments of 1965. Those exempt from the worldwide limitation include immediate relatives of U.S.

citizens, refugees and asylees adjusting to permanent residence, and other various classes of special immigrants (see table 6).

Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refugees from numerical limitations, retroactive to 1968. The Refugee Act of 1980 changed the residency requirement from 2 years to 1 year. Beginning in fiscal year 1985, INS began adjusting eligible Cuban entrants who were admitted to the United States as part of the Mariel boat lift of 1980, which consisted of approximately 125,000 people.

Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply for permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States. This period was changed to one year under the Refugee Act of 1980. P.L. 95-145 expired on October 18, 1983. Indochinese refugees who entered the U.S. between March 1975 and April 1980 are eligible to adjust status under P.L. 95-412, the Act of October 5, 1978, which allows for the adjustment of refugee-parolees.

The Refugee Act of 1980, effective April 1, 1980, provides for a uniform admission procedure for refugees of all countries, based on the United Nations' definition of refugees. Authorized admission ceilings are set annually by the President in consultation with Congress. After one year of residence in the United States, refugees are eligible for immigrant status.

The Immigration Reform and Control Act of 1986 (IRCA) allows two groups of aliens to become temporary and then permanent residents of the United States: aliens who have been in the United States unlawfully since January 1, 1982, (legalization applicants) and aliens who were employed in seasonal agricultural work for a minimum period of time (Special Agricultural Worker (SAW))

applicants). The application period for temporary residency for legalization applicants began on May 5, 1987, and ended on May 4, 1988, while the application period for SAW applicants began on June 1, 1987, and ended on November 30, 1988. Legalization applicants became eligible for permanent residence beginning in fiscal year 1989. The 1989 and 1990 immigrant data include temporary residents who were granted permanent residence under the legalization program of IRCA.

**Metropolitan Areas.**—The general concept of a metropolitan area is one of a large population nucleus together with adjacent communities which have a high degree of social and economic integration with that nucleus. Metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and primary metropolitan statistical areas (PMSA's) are defined by the Office of Management and Budget as a standard for Federal agencies in the preparation and publication of statistics relating to metropolitan areas. The entire territory of the United States is classified as metropolitan (inside MSA's or CMSA's) or non-metropolitan (outside MSA's or CMSA's). MSA's, CMSA's, and PMSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been defined as a convenience for data users. From time to time, new metropolitan areas are created and the boundaries of others change. As a result, data for metropolitan areas over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details and a listing of area titles and components of each metropolitan area, see Appendix II.

**Urban and rural.**—According to the 1990 census definition, the urban population comprises all persons living in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities (places

with low population density in one or more large parts of their area); (b) census designated places (previously termed unincorporated) of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area comprises one or more places and the adjacent densely settled surrounding territory that together have a minimum population of 50,000 persons.

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. To improve its measure of the urban population, the Bureau of the Census in 1950 adopted the concept of the urbanized area and delineated boundaries for unincorporated places. The 1950 definition has continued substantially unchanged, except for minor modifications in 1960, the introduction of the extended city concept in 1970, and changes since the 1970 census in the criteria for defining urbanized areas so as to permit such areas to be defined around smaller centers. In all definitions, the population not classified as urban constitutes the rural population.

**Residence.**—In determining residence, the Bureau of the Census counts each person as an inhabitant of a usual place of residence (i.e., the place where one usually lives and sleeps). While this place is not necessarily a person's legal residence or voting residence, the use of these different bases of classification would produce the same results in the vast majority of cases.

**Race.**—The Bureau of the Census collects and publishes racial statistics as outlined in Statistical Policy Directive No. 15 issued by the U.S. Office of Management and Budget. This directive provides standards on ethnic and racial categories for statistical reporting to be used by all Federal agencies. According to the directive, the basic racial categories are American Indian or Alaska Native, Asian or Pacific Islander, Black, and White. (The directive identifies Hispanic origin as an ethnicity.) The concept of race the Bureau of the Census uses reflects self-identification by respondents; that is the

individual's perception of his/her racial identity. The concept is not intended to reflect any biological or anthropological definition. Although the Bureau of the Census adheres to the overall guidelines of Directive No. 15, we recognize that there are persons who do not identify with a specific racial group. The 1990 census race question includes an "Other race" category with provisions for a write-in entry. Furthermore, the Bureau of the Census recognizes that the categories of the race item include both racial and national origin or socio-cultural groups.

Differences between the 1990 census and earlier censuses affect the comparability of data for certain racial groups and American Indian tribes. The lack of comparability is due to changes in the way some respondents reported their race as well as changes in 1990 census procedures related to the racial classification. (For a fuller explanation, see *1990 Census of Population, Volume I, General Population Characteristics* (1990 CP-1)).

Estimates of the population by race for April 1, 1990 (shown in tables 14 and 15) are modified counts and are not comparable to the 1990 census race categories. These estimates were computed using 1990 census data by race which had been modified to be consistent with the race categories used in the reporting of vital statistics by the U.S. National Center for Health Statistics. A detailed explanation of the race modification procedure appears in *1990 Census of Population and Housing Data Paper Listing* (CPH-L-74).

In the CPS and other household sample surveys in which data are obtained through personal interview, respondents are asked to classify their race as: (1) White, (2) Black, (3) American Indian, Aleut, or Eskimo, or (4) Asian or Pacific Islander. The procedures for classifying persons of mixed races who could not provide a single response to the race question are generally similar to those used in the census. For comments on comparability of 1980 CPS and census data, see section above on Current Population Survey.

**Hispanic population.**—In the 1990 census, the Bureau of the Census collected

data on the Hispanic origin population in the United States by using a self-identification question. Persons of Spanish/Hispanic origin are those who classified themselves in one of the specific Hispanic origin categories listed on the questionnaire—Mexican, Puerto Rican, Cuban, or Other Spanish/Hispanic origin. The difference between the 1980 and the 1990 questionnaire was that in the 1980 census, a Hispanic origin question was used with prelisted categories for the largest Spanish origin groups and a residual Other Spanish/Hispanic category. For the 1990 census the questionnaire was modified by adding a space for the respondent to write-in the entry for the Other Spanish/Hispanic category. It should be noted that Hispanic persons may be of any race.

In the CPS information on Hispanic persons was gathered by using a self-identification question. Persons classified themselves in one of the Hispanic categories in response to the question: "What is the origin or descent of each person in this household?" Hispanic persons in the CPS were persons who reported themselves as Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American (Spanish countries), or other Hispanic origin.

**Nativity.**—The native population consists of all persons born in the United States, Puerto Rico, or an outlying area of the United States. It also includes persons born at sea or in a foreign country who have at least one American parent. All others are classified as "foreign born."

**Mobility status.**—The U.S. population is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the survey or census and the place of residence at a specified earlier date. Nonmovers are all persons who were living in the same house or apartment at the end of the period as at the beginning of the period. Movers are all persons who were living in a different house at the end of the period from that in which they were living at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence was outside the United States at the beginning of the period; that is, in Puerto Rico,

an outlying area under the jurisdiction of the United States, or a foreign country.

**Living arrangements.**—Living arrangements refer to residency in households or in group quarters. A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a single room that constitutes "separate living quarters." A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit is also counted as a household. See text, section 26, Construction and Housing, for definition of housing unit.

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, e.g., under care or custody in juvenile facilities, jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 74).

**Householder.**—The householder is the first adult household member listed on the questionnaire. The instructions call for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned or rented jointly by a married couple, either the husband or the wife may be listed first. Prior to 1980, the husband was always considered the household head (householder) in married-couple households.

**Family.**—The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. A family

includes among its members the householder.

**Subfamily.**—A subfamily consists of a married couple and their children, if any, or one parent with one or more never married children under 18 years old living in a household. Subfamilies are divided into "related" and "unrelated" subfamilies. A related subfamily is related to, but does not include, the householder. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the count of families. An unrelated subfamily may include persons such as guests, lodgers, or resident employees and their spouses and/or children; none of whom is related to the householder.

**Married couple.**—A "married couple" is defined as a husband and wife living together in the same household, with or without children and other relatives.

**Unrelated individuals.**—"Unrelated individuals" are persons (other than inmates of institutions) who are not members of families or subfamilies. An unrelated individual may be a nonfamily householder who lives alone or with nonrelatives only, or a secondary individual such as a guest, lodger, or resident employee. Persons in group quarters, except inmates of institutions, are classified as secondary individuals.

**Statistical reliability.**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix IV.

Figure 1.1  
Percent Change in State Population: 1980 to 1990



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 25.

# Population

## No. 1. Population and Area: 1790 to 1990

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Total area figures for 1790 to 1970 have been recalculated on the basis of the remeasurement of States and counties for the 1980 census. The land and water area figures for past censuses have not been adjusted and are not strictly comparable with the total area data for comparable dates because the land areas were derived from different base data, and these values are known to have changed with the construction of reservoirs, draining of lakes, etc. Density figures are based on land area measurements as reported in earlier censuses]

CENSUS DATE	RESIDENT POPULATION			AREA (square miles)		
	Number	Per square mile of land area	Increase over preceding census	Gross	Land	Water
			Number			
<b>CONTERMINOUS U.S.<sup>1</sup></b>						
1790 (Aug. 2) . . . . .	3,929,214	4.5	(X)	(X)	891,364	864,746
1800 (Aug. 4) . . . . .	5,308,483	6.1	1,379,269	35.1	891,364	864,746
1810 (Aug. 6) . . . . .	7,239,881	4.3	1,931,398	36.4	1,722,685	1,681,828
1820 (Aug. 7) . . . . .	9,638,453	5.5	2,398,572	33.1	1,792,552	1,749,462
1830 (June 1) . . . . .	12,866,020	7.4	3,227,567	33.5	1,792,552	1,749,462
1840 (June 1) . . . . .	17,069,453	9.8	4,203,433	32.7	1,792,552	1,749,462
1850 (June 1) . . . . .	23,191,876	7.9	6,122,423	35.9	2,981,655	2,940,042
1860 (June 1) . . . . .	31,443,321	10.6	8,251,445	35.6	3,021,295	2,969,640
1870 (June 1) . . . . .	39,816,449	13.4	8,375,128	26.6	3,021,295	2,969,640
1880 (June 1) . . . . .	50,155,793	16.9	10,337,334	26.0	3,021,295	2,969,640
1890 (June 1) . . . . .	62,947,714	21.2	12,791,931	25.5	3,021,295	2,969,640
1900 (June 1) . . . . .	75,994,575	25.6	13,046,861	20.7	3,021,295	2,969,834
1910 (Apr. 15) . . . . .	91,972,266	31.0	15,977,691	21.0	3,021,295	2,969,565
1920 (Jan. 1) . . . . .	105,710,620	35.6	13,738,354	14.9	3,021,295	2,969,451
1930 (Apr. 1) . . . . .	122,775,046	41.2	17,064,426	16.1	3,021,295	2,977,128
1940 (Apr. 1) . . . . .	131,669,275	44.2	8,894,229	7.2	3,021,295	2,977,128
1950 (Apr. 1) . . . . .	150,697,361	50.7	19,028,086	14.5	3,021,295	2,974,726
1960 (Apr. 1) . . . . .	178,464,236	60.1	27,766,875	18.4	3,021,295	2,968,054
<b>UNITED STATES</b>						
1950 (Apr. 1) . . . . .	151,325,798	42.6	19,161,229	14.5	3,618,770	3,552,206
1960 (Apr. 1) . . . . .	179,323,175	50.6	27,997,377	18.5	3,618,770	3,540,911
1970 (Apr. 1) . . . . .	203,302,031	57.4	23,978,856	13.4	3,618,770	3,540,023
1980 (Apr. 1) . . . . .	226,545,805	64.0	25,243,774	11.4	3,618,770	3,539,289
1990 (Apr. 1) . . . . .	248,709,873	70.3	22,164,068	9.8	3,787,425	3,536,342

X Not applicable. <sup>1</sup> Excludes Alaska and Hawaii. <sup>2</sup> Revised to include adjustments for underenumeration in southern States; unrevised number is 38,558,371 (13.0 per square mile). <sup>3</sup> Figures corrected after 1970 final reports were issued.

<sup>4</sup> Comprises inland, coastal, Great Lakes, and territorial water. Data for prior years cover inland water only. For further explanation, see table 340.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920 to 1990*, vol. I; and other reports and unpublished data. See also *Areas of the United States, 1940*, and *Area Measurement Reports, 1960*, series GE-20, No. 1.

## No. 2. Population: 1900 to 1991

[In thousands, except percent. Estimates as of July 1. Prior to 1940, excludes Alaska and Hawaii. Total population includes Armed Forces abroad; civilian population excludes Armed Forces. For basis of estimates, see text, section 1. See also *Historical Statistics, Colonial Times to 1970*, series A 6-8.]

YEAR	Resident population	YEAR	TOTAL		Resident population	Civilian population	YEAR	TOTAL		Resident population	Civilian population
			Population	Percent change				Population	Percent change		
1900 . . . . .	76,094	1952 . . . . .	157,553	1.73	156,393	153,892	1972 . . . . .	209,896	1.08	209,284	207,511
1905 . . . . .	83,822	1953 . . . . .	160,184	1.67	158,956	156,595	1973 . . . . .	211,909	0.96	211,357	209,600
1910 . . . . .	92,407	1954 . . . . .	163,026	1.77	161,884	159,695	1974 . . . . .	213,854	0.92	213,342	211,626
1915 . . . . .	100,546	1955 . . . . .	165,831	1.78	165,069	162,867	1975 . . . . .	215,973	0.99	215,465	213,789
1920 . . . . .	106,461	1956 . . . . .	168,903	1.79	168,088	166,055	1976 . . . . .	218,035	0.95	217,563	215,894
1925 . . . . .	115,829	1957 . . . . .	171,984	1.82	171,187	169,110	1977 . . . . .	220,239	1.01	219,760	218,106
1930 . . . . .	123,077	1958 . . . . .	174,882	1.68	174,149	172,226	1978 . . . . .	222,585	1.06	222,095	220,467
1935 . . . . .	127,250	1959 . . . . .	177,830	1.69	177,135	175,277	1979 . . . . .	225,055	1.11	224,567	222,969
1940 . . . . .	132,457	1960 . . . . .	180,671	1.60	179,979	178,140	1980 . . . . .	227,722	1.18	227,220	225,616
1941 . . . . .	133,669	1961 . . . . .	183,891	1.67	182,992	181,143	1981 . . . . .	229,958	0.98	229,457	227,809
1942 . . . . .	134,617	1962 . . . . .	186,538	1.55	185,771	183,677	1982 . . . . .	232,192	0.97	231,669	229,999
1943 . . . . .	135,107	1963 . . . . .	189,242	1.45	188,483	186,493	1983 . . . . .	234,321	0.92	233,806	232,111
1944 . . . . .	133,915	1964 . . . . .	191,889	1.40	191,141	189,141	1984 . . . . .	236,370	0.87	235,847	234,131
1945 . . . . .	133,434	1965 . . . . .	194,303	1.26	193,526	191,605	1985 . . . . .	238,492	0.90	237,950	236,245
1946 . . . . .	140,686	1966 . . . . .	196,560	1.16	195,576	193,420	1986 . . . . .	240,680	0.92	240,162	238,441
1947 . . . . .	144,083	1967 . . . . .	198,712	1.09	197,457	195,264	1987 . . . . .	242,836	0.90	242,321	240,582
1948 . . . . .	146,730	1968 . . . . .	200,706	1.00	199,399	197,113	1988 . . . . .	245,057	0.91	244,534	242,852
1949 . . . . .	148,204	1969 . . . . .	202,677	0.98	201,385	199,145	1989 . . . . .	247,343	0.93	246,820	245,132
1950 . . . . .	152,271	1970 . . . . .	205,052	1.17	203,984	201,895	1990 . . . . .	249,924	1.04	249,415	247,775
1951 . . . . .	153,982	1971 . . . . .	207,661	1.27	206,827	204,866	1991 . . . . .	252,688	1.11	252,177	250,566

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 311, 1045, and 1083.

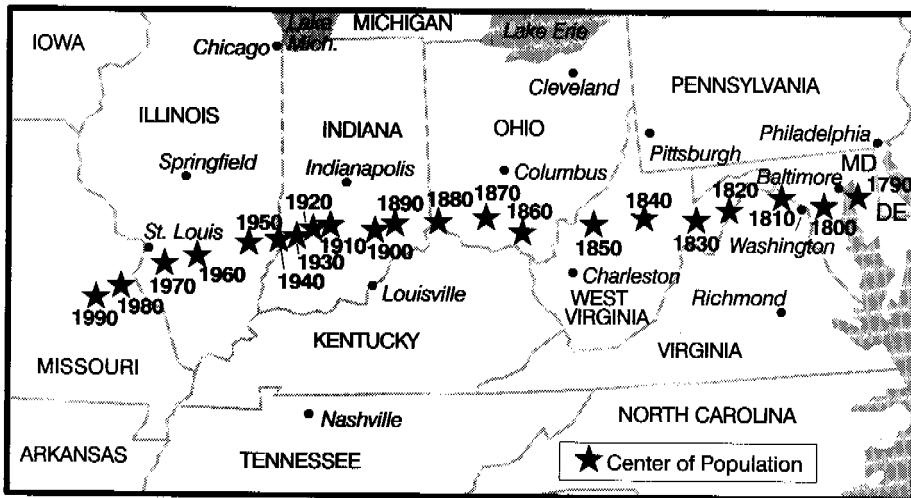
# Population

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## No. 3. Center of Population: 1790 to 1990

[“Center of population” is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weights of identical value were placed on it so that each weight represented the location of one person on the date of the census]

YEAR	North latitude			West longitude			Approximate location
1790 (August 2) ....	39	16	30	76	11	12	23 miles east of Baltimore, MD
1850 (June 1) .....	38	59	0	81	19	0	23 miles southeast of Parkersburg, WV
1900 (June 1) .....	39	9	36	85	48	54	6 miles southeast of Columbus, IN
1950 (April 1) .....	38	50	21	88	9	33	8 miles north-northwest of Olney, Richland County, IL
1960 (April 1) .....	38	35	58	89	12	35	In Clinton Co. about 6 1/2 miles northwest of Centralia, IL
1970 (April 1) .....	38	27	47	89	42	22	5.3 miles east-southeast of the Mascoutah City Hall in St. Clair County, IL
1980 (April 1) .....	38	8	13	90	34	26	1/4 mile west of De Soto in Jefferson County, MO
1990 (April 1) .....	37	52	20	91	12	55	9.7 miles southeast of Steelville, MO



## No. 4. U.S. Population Abroad, by Selected Area: 1992

[In thousands. As of June 3. Data compiled as part of noncombatant personnel evacuation requirements report]

AREA	Total <sup>1</sup>	Resident U.S. citizen	U.S. tourists	AREA	Total <sup>1</sup>	Resident U.S. citizen	U.S. tourists
Total <sup>2</sup> .....	14,285	6,269	6,674	Italy .....	155	102	28
Argentina .....	38	13	25	Japan .....	142	38	13
Australia .....	75	65	8	Jerusalem .....	28	26	2
Belgium .....	42	24	7	Martinique .....	221	(Z)	221
Brazil .....	46	34	11	Mexico .....	802	495	300
Canada .....	1,561	278	1,281	Netherlands .....	35	22	5
Costa Rica .....	31	25	4	Panama .....	36	8	1
Dominican Republic .....	97	87	9	Philippines .....	147	119	(Z)
Egypt .....	21	13	2	Portugal .....	47	31	12
France .....	224	126	91	Saudi Arabia .....	42	31	7
Germany .....	513	107	208	South Korea .....	72	8	38
Greece .....	70	38	30	Spain .....	60	27	31
Hong Kong .....	27	21	5	Switzerland .....	32	27	4
Ireland .....	71	43	28	United Kingdom .....	414	213	162
Israel .....	137	124	12	Venezuela .....	50	24	26

Z Less than 500. <sup>1</sup>Includes Dept. of Defense noncombatant employees, other U.S. government employees, and dependents of U.S. military and civilian employees, not shown separately. <sup>2</sup>Includes other areas not shown separately.

Source: U.S. Dept. of State, unpublished data.

# Population

## No. 5. Immigration: 1820 to 1990

[In thousands, except rate. For fiscal years ending in year shown, except as noted; see text, section 9. For definition of immigrants, see text, section 1. For 1820-1867, alien passengers arriving, 1868-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). Population estimates for 1980 through 1989 reflect revisions based on the 1990 Census of Population. See also *Historical Statistics, Colonial Times to 1970*, series C 89.]

PERIOD	Number	Rate <sup>1</sup>	PERIOD OR YEAR	Number	Rate <sup>1</sup>	YEAR	Number	Rate <sup>1</sup>
1820 to 1990 . . .	56,994	3.4	1911 to 1920 . . .	5,736	5.7	1981 . . . . .	597	2.6
1822 to 1830 <sup>2</sup> . . .	152	1.2	1921 to 1930 . . .	4,107	3.5	1982 . . . . .	594	2.6
1831 to 1840 <sup>3</sup> . . .	599	3.9	1931 to 1940 . . .	528	0.4	1983 . . . . .	560	2.4
1841 to 1850 <sup>4</sup> . . .	1,713	8.4	1941 to 1950 . . .	1,035	0.7	1984 . . . . .	544	2.3
1851 to 1860 <sup>4</sup> . . .	2,598	9.3	1951 to 1960 . . .	2,515	1.5	1985 . . . . .	570	2.4
1861 to 1870 <sup>5</sup> . . .	2,315	6.4	1961 to 1970 . . .	3,322	1.7	1986 . . . . .	602	2.5
1871 to 1880 . . .	2,812	6.2	1971 to 1980 . . .	4,493	2.1	1987 . . . . .	602	2.5
1881 to 1890 . . .	5,247	9.2	1981 to 1990 . . .	7,338	3.1	1988 . . . . .	643	2.6
1891 to 1900 . . .	3,688	5.3	1970 . . . . .	373	1.8	1989 <sup>6</sup> . . . . .	1,091	4.4
1901 to 1910 . . .	8,795	10.4	1980 . . . . .	531	2.3	1990 <sup>6</sup> . . . . .	1,536	6.1

<sup>1</sup> Annual rate per 1,000 U.S. population. Rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same number of years. <sup>2</sup> Oct. 1, 1819, to Sept. 30, 1830. <sup>3</sup> Oct. 1, 1830, to Dec. 31, 1840. <sup>4</sup> Calendar years. <sup>5</sup> Jan. 1, 1861, to June 30, 1870. <sup>6</sup> Includes persons who were granted permanent residence under the legalization program of the Immigration Reform and Control Act of 1986.

## No. 6. Immigrants Admitted, by Class of Admission: 1980 to 1990

[For fiscal year ending September 30. For definition of immigrants, see text, section 1. See also *Historical Statistics, Colonial Times to 1970*, series C 143-157]

CLASS OF ADMISSION	1980	1985	1986	1987	1988	1989	1990
Immigrants, total . . . . .	530,639	570,009	601,708	601,516	643,025	<sup>1</sup> 1,090,924	<sup>1</sup> 1,536,483
Numerically limited . . . . .	289,479	264,208	266,968	271,135	264,148	280,275	298,306
New arrivals . . . . .	239,590	226,505	228,522	239,941	234,586	252,401	273,416
Adjustments . . . . .	49,889	37,703	38,446	31,194	29,562	27,874	24,890
Exempt from numerical limitation . . . . .	241,160	305,801	334,740	330,381	378,877	<sup>1</sup> 810,649	<sup>1</sup> 1,238,177
New arrivals . . . . .	99,765	129,860	147,588	147,054	143,299	150,030	162,313
Adjustments . . . . .	141,395	175,941	187,152	183,327	235,578	<sup>1</sup> 660,619	<sup>1</sup> 1,075,864
Numerically limited, total . . . . .	289,479	264,208	266,968	271,135	264,148	280,275	298,306
Unmarried sons/daughters of U.S. citizens and their children (1st preference) . . . . .	5,668	9,319	10,910	11,382	12,107	13,259	15,861
Spouses, unmarried sons/daughters of alien residents, and their children (2d pref.) . . . . .	110,269	114,997	110,926	110,758	102,777	112,771	107,686
Professional or highly skilled immigrants (3d preference) <sup>2</sup> . . . . .	18,583	24,905	26,823	26,921	26,680	26,798	26,546
Married sons/daughters of U.S. citizens (4th preference) <sup>2</sup> . . . . .	10,752	18,460	20,702	20,703	21,940	26,975	26,751
Brothers or sisters of U.S. citizens (5th preference) <sup>2</sup> . . . . .	90,167	70,481	70,401	68,966	63,948	64,087	64,252
Needed skilled or unskilled workers (6th preference) <sup>2</sup> . . . . .	25,786	25,990	26,802	26,952	26,927	25,957	27,183
Conditional entries by refugees <sup>3</sup> . . . . .	12,222	(X)	(X)	(X)	(X)	(X)	(X)
Nonpreference . . . . .	-	-	-	3,040	6,029	7,068	20,371
Recaptured Cuban numbers . . . . .	15,913	(X)	(X)	(X)	(X)	(X)	(X)
Natives of under represented countries, PL. 100-658 . . . . .	(X)	(X)	(X)	(X)	(X)	(X)	8,790
Other . . . . .	119	49	404	2,413	3,740	3,360	866
Exempt from numerical limitations . . . . .	241,160	305,801	334,740	330,381	378,877	<sup>1</sup> 810,649	<sup>1</sup> 1,238,177
Immediate relatives . . . . .	157,743	204,368	223,468	218,575	219,340	217,514	231,680
Spouses of U.S. citizens . . . . .	98,854	129,790	137,597	132,452	130,977	125,744	125,426
Children of U.S. citizens . . . . .	27,207	35,592	40,639	40,940	40,863	41,276	46,065
Orphans . . . . .	5,139	9,286	9,945	10,097	9,120	7,948	7,088
Parents of U.S. citizens . . . . .	33,682	38,986	45,232	45,183	47,500	50,494	60,189
Refugee and asylee adjustments . . . . .	75,835	95,040	104,383	91,840	81,719	84,288	97,364
Cuban Refugee Act, Nov. 1966 . . . . .	6,021	14,288	30,152	26,869	10,993	5,206	5,730
Indochinese Refugee Act, Oct. 1977 . . . . .	22,497	166	136	83	42	40	33
Refugee-Parolee Act, Oct. 1978 . . . . .	46,058	3,766	1,720	888	437	381	153
Asylees, Refugee Act of 1980 . . . . .	1,250	5,000	5,000	5,000	5,445	5,145	4,937
Refugees, Refugee Act of 1980 . . . . .	(X)	71,820	67,375	59,022	64,801	73,516	86,511
Other refugees . . . . .	9	-	-	-	1	-	-
Special immigrants . . . . .	3,142	2,551	2,992	3,646	5,120	4,986	4,463
Ministers of religion <sup>2</sup> . . . . .	1,529	1,853	2,060	2,041	2,207	2,595	2,786
Employees of U.S. Government abroad <sup>2</sup> . . . . .	1,354	479	773	1,112	2,047	1,713	1,234
Foreign medical graduates, Act of Dec. 1981 <sup>2</sup> . . . . .	(X)	87	48	28	7	11	2
Other special immigrants <sup>2</sup> . . . . .	259	132	111	465	859	667	441
Aliens adjusted <sup>4</sup> . . . . .	254	105	95	12,834	69,069	13,459	8,360
Children born abroad to resident aliens or subsequent to issuance of visa . . . . .	4,059	3,508	3,554	3,269	3,082	2,806	2,630
Others not subject to numerical limitation . . . . .	127	229	248	217	547	58,782	513,308

- Represents zero. X Not applicable. <sup>1</sup> Includes 478,814 (for 1989) and 880,372 (for 1990) persons who were granted permanent residence under the legalization program of the Immigration Reform and Control Act (IRCA) of 1986. <sup>2</sup> Includes spouses and children. <sup>3</sup> In 1980, conditional entries were a 7th preference class. <sup>4</sup> Under sections 244 and 249, Immigration and Naturalization Act. Includes Cuban/Haitian entrants under the Act of November 1986. <sup>5</sup> Includes Amerasians under Public Law 100-202. Amerasians are aliens born in Vietnam between January 1, 1962 and January 1, 1976 who were fathered by U.S. citizens.

Source of tables 5 and 6: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

# Nonimmigrants Admitted—Immigrants by Country of Birth

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## No. 7. Nonimmigrants Admitted, by Class of Admission: 1970 to 1990

[In thousands, except as noted. For fiscal years ending in year shown; see text, section 9. Nonimmigrants are non-resident aliens (non-U.S. citizens) admitted to the United States for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiancées(ees) of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO) and aliens in transit. Most classes include spouses and unmarried minor (or dependent) children accompanying or following to join the alien. Excluded are border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157]

CLASS OF ADMISSION	1970	1975	1985	1986	1987	1988	1989	1990
<b>Nonimmigrants<sup>1</sup></b>	<b>4,432</b>	<b>7,084</b>	<b>9,540</b>	<b>10,471</b>	<b>12,273</b>	<b>14,592</b>	<b>16,145</b>	<b>17,574</b>
Temporary visitors, total	3,345	5,587	8,405	9,280	11,019	13,197	14,667	16,080
Percent of total	76	79	88	89	90	90	91	91
For pleasure	3,020	5,060	6,609	7,342	8,887	10,821	12,115	13,418
For business	325	527	1,797	1,938	2,132	2,376	2,553	2,661
Returning resident aliens <sup>2</sup>	494	800	(X)	(X)	(X)	(X)	(X)	(X)
Transit aliens	232	273	237	244	264	299	293	306
Foreign government officials <sup>3</sup>	51	68	90	94	92	99	102	97
Treaty traders and investors <sup>4</sup>	19	35	97	104	114	126	140	148
Students <sup>4</sup>	107	118	286	288	289	338	361	355
Representatives to international organizations <sup>4</sup>	24	33	57	59	57	59	61	61
Temporary workers and industrial trainees	87	67	88	99	114	133	165	174
Workers of distinguished merit and ability	11	16	47	54	66	78	90	100
Performing services unavailable in U.S.	69	38	25	28	29	33	49	41
Industrial trainees	5	4	3	3	3	3	2	3
Their spouses and children	1	11	13	14	16	20	24	29
Representatives of foreign information media <sup>4</sup>	5	6	17	17	18	22	21	20
Exchange visitors <sup>4</sup>	67	63	141	163	183	203	217	215
NATO officials	2	4	8	7	7	9	9	8
Fiancées(ees) of U.S. citizens <sup>5</sup>	(Z)	6	8	8	7	7	7	7
Intracompany transferees <sup>4</sup>	(Z)	22	107	108	107	102	101	103
Parolees <sup>6</sup>	(X)	(X)	64	67	63	95	107	90
Refugees	(X)	(X)	68	51	67	80	101	110

X Not applicable. Z Less than 500. <sup>1</sup> Includes nonimmigrants whose class of admission is unknown. <sup>2</sup> For 1970 and 1975, returning resident aliens who had once been counted as immigrants were included with nonimmigrants. Since 1981, data no longer collected. <sup>3</sup> Includes foreign government officials and their spouses and (unmarried minor or dependent) children, in transit. <sup>4</sup> Includes spouses and children. <sup>5</sup> Includes children of fiancées(ees) of U.S. citizens. <sup>6</sup> Aliens allowed to enter the United States for a temporary period of time on emergency conditions or when the entry is determined to be in the public interest (e.g., witness in court).

## No. 8. Immigrants, by Country of Birth: 1961 to 1990

[In thousands. For fiscal years ending in year shown; see text, section 9. For definition of immigrants, see text, section 1]

COUNTRY OF BIRTH	1961-70, total	1971-80, total	1981-89, total	1990	COUNTRY OF BIRTH	1961-70, total	1971-80, total	1981-89, total	1990
All countries . . .	3,321.7	4,493.3	5,801.6	1,536.5	Thailand . . .	5.0	44.1	55.5	8.9
Europe <sup>1</sup> . . .	1,238.6	801.3	593.2	112.4	Turkey . . .	6.8	18.6	18.4	2.5
Czechoslovakia . . .	21.4	10.2	10.1	1.4	Vietnam . . .	4.6	179.7	352.6	48.8
France . . .	34.3	17.8	20.3	2.8	North America <sup>1</sup> . . .	1,351.1	1,645.0	2,167.4	957.6
Germany . . .	200.0	66.0	62.6	7.5	Canada . . .	286.7	114.8	102.4	16.8
Greece . . .	90.2	93.7	26.4	2.7	Mexico . . .	443.3	637.2	974.2	679.1
Hungary . . .	17.3	11.6	8.1	1.7	Caribbean <sup>1</sup> . . .	519.5	759.8	777.3	115.4
Ireland . . .	42.4	14.1	22.5	10.3	Barbados . . .	9.4	20.9	15.7	1.7
Italy . . .	206.7	130.1	29.6	3.3	Cuba . . .	256.8	276.8	148.6	10.6
Netherlands . . .	27.8	10.7	10.5	1.4	Dominican Republic . . .	94.1	148.0	209.6	42.2
Poland . . .	73.3	43.6	76.9	20.5	Haiti . . .	37.5	58.7	119.9	20.3
Portugal . . .	79.3	104.5	36.0	4.0	Jamaica . . .	71.0	142.0	188.8	25.0
Romania . . .	14.9	17.5	34.3	4.6	Trinidad and Tobago . . .	24.6	61.8	32.8	6.7
Soviet Union . . .	15.7	43.2	58.5	25.5	Central America <sup>1</sup> . . .	97.7	132.4	312.5	146.2
Spain . . .	30.5	30.0	13.9	1.9	Costa Rica . . .	17.4	12.1	12.7	2.8
Sweden . . .	16.7	6.3	9.0	1.2	El Salvador . . .	15.0	34.4	134.4	80.2
Switzerland . . .	16.3	6.6	6.2	0.8	Guatemala . . .	15.4	25.6	55.6	32.3
United Kingdom . . .	230.5	123.5	126.2	15.9	Honduras . . .	15.5	17.2	37.5	12.0
Yugoslavia . . .	46.2	42.1	16.4	2.8	Nicaragua . . .	10.1	13.0	32.5	11.6
Asia <sup>1</sup> . . .	445.3	1,633.8	2,478.8	338.6	Panama . . .	18.4	22.7	25.6	3.4
Afghanistan . . .	0.4	2.0	23.4	3.2	South America <sup>1</sup> . . .	228.3	284.4	370.1	85.8
Cambodia . . .	1.2	8.4	11.4	5.2	Argentina . . .	42.1	25.1	20.3	5.4
China: Mainland . . .	206.7	202.5	341.8	31.8	Brazil . . .	20.5	13.7	19.5	4.2
Taiwan . . .	(2)	(2)	(2)	15.2	Chile . . .	11.5	17.6	19.4	4.0
Hong Kong . . .	25.6	47.5	53.6	9.4	Colombia . . .	70.3	77.6	100.2	24.2
India . . .	31.2	176.8	231.2	30.7	Ecuador . . .	37.0	50.2	43.5	12.5
Iran . . .	10.4	46.2	129.8	25.0	Guyana . . .	7.1	47.5	84.0	11.4
Iraq . . .	6.4	23.4	17.8	1.8	Peru . . .	18.6	29.1	48.7	15.7
Israel . . .	12.9	26.6	31.6	4.7	Venezuela . . .	8.5	7.1	14.8	3.1
Japan . . .	38.5	47.9	37.5	5.7	Africa <sup>1</sup> . . .	39.3	91.5	156.4	35.9
Jordan . . .	14.0	29.6	28.2	4.4	Egypt . . .	17.2	25.5	27.3	4.1
Korea . . .	35.8	272.0	306.5	32.3	Nigeria . . .	1.5	8.8	26.5	8.8
Laos . . .	0.1	22.6	135.2	10.4	South Africa . . .	4.5	11.5	13.7	2.0
Lebanon . . .	7.5	33.8	36.0	5.6	Australia . . .	9.9	14.3	12.1	1.8
Pakistan . . .	4.9	31.2	51.6	9.7	Other countries <sup>3</sup> . . .	8.2	23.0	23.5	4.5
Philippines . . .	101.5	360.2	431.5	63.8					
Syria . . .	4.6	13.3	17.6	3.0					

<sup>1</sup> Includes countries not shown separately. <sup>2</sup> Data for Taiwan included with China: Mainland. <sup>3</sup> Includes New Zealand and unknown countries.

Source of tables 7 and 8: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and releases.

## Population

**No. 9. Immigrants Admitted as Permanent Residents Under Refugee Acts,  
by Country of Birth: 1961 to 1990**

[For fiscal years ending in year shown; see text, section 9. Covers immigrants who were allowed to enter the United States under 1953 Refugee Relief Act and later acts; Hungarian parolees under July 1958 Act; refugee-escapee parolees under July 1960 Act; conditional entries by refugees under Oct. 1965 Act; Cuban parolees under Nov. 1966 Act; beginning 1978, Indochina refugees under Act of Oct. 1977; beginning 1980, refugee-parolees under the Act of Oct. 1978, and asylees under the Act of March 1980; and beginning 1981 refugees under the Act of March 1980]

COUNTRY OF BIRTH	1961- 1970, total	1971- 1980, total	1981- 1989, total	1990	COUNTRY OF BIRTH	1961- 1970, total	1971- 1980, total	1981- 1989, total	1990
<b>Total . . . . .</b>	<b>212,843</b>	<b>539,447</b>	<b>916,256</b>	<b>97,364</b>	Iran . . . . .	58	364	38,124	8,649
Europe . . . . .	55,235	71,858	122,401	33,111	Iraq . . . . .	119	6,851	7,399	141
Austria . . . . .	233	185	340	84	Korea . . . . .	1,316	65	118	2
Bulgaria . . . . .	1,799	1,238	1,019	178	Laos . . . . .	-	21,690	133,140	9,824
Czechoslovakia . . . . .	5,709	3,646	7,321	883	Malaysia . . . . .	9	192	2,128	59
Germany . . . . .	665	143	697	154	Philippines . . . . .	100	216	3,113	290
Greece . . . . .	586	478	1,093	315	Syria . . . . .	383	1,336	1,752	393
Hungary . . . . .	4,044	4,358	4,074	868	Thailand . . . . .	13	1,241	26,182	4,077
Italy . . . . .	1,198	346	308	86	Turkey . . . . .	1,489	1,193	1,620	276
Netherlands . . . . .	3,134	8	10	4	Vietnam . . . . .	7	150,266	303,916	20,537
Poland . . . . .	3,197	5,882	29,986	3,903	Other Asia . . . . .	1,307	1,588	2,658	365
Portugal . . . . .	1,361	21	19	2	North America . . . . .	132,068	252,633	111,930	9,910
Romania . . . . .	7,158	6,812	26,612	3,186	Cuba . . . . .	131,557	251,514	105,699	7,668
Soviet Union . . . . .	871	31,309	49,120	23,186	El Salvador . . . . .	1	45	1,138	245
Spain . . . . .	4,114	5,317	652	84	Nicaragua . . . . .	3	36	3,896	1,694
Yugoslavia . . . . .	18,299	11,297	301	23	Other N. America . . . . .	507	1,038	1,197	303
Other Europe . . . . .	2,867	818	849	155	South America . . . . .	123	1,244	1,712	264
Asia . . . . .	19,895	210,683	660,225	51,867	Chile . . . . .	4	420	511	20
Afghanistan . . . . .	542	20,802	2,144		Other S. America . . . . .	119	824	1,201	244
Cambodia . . . . .	7,739	109,345	4,719		Africa . . . . .	5,486	2,991	19,937	2,212
China . . . . .	5,308	13,760	7,595	333	Egypt . . . . .	5,396	1,473	357	69
Hong Kong . . . . .	2,128	3,468	1,886	30	Ethiopia . . . . .	2	1,307	16,860	1,682
Indonesia . . . . .	7,658	222	1,357	28	Other Africa . . . . .	88	211	2,720	461
					Other . . . . .	36	38	51	-

- Represents zero.

<sup>1</sup> Covers Mainland and Taiwan.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and releases.

**No. 10. Immigrants Admitted, by Leading States of Intended Residence and  
Country of Birth: 1990**

[For year ending September 30. For definition of immigrants, see text, section 1]

COUNTRY OF BIRTH	Total <sup>1</sup>	Califor-nia	New York	Texas	Illinois	Florida	New Jersey	Massa-chusetts	Ari-zona	Vir-ginia
<b>Total <sup>2</sup> . . . . .</b>	<b>1,536,483</b>	<b>682,979</b>	<b>189,589</b>	<b>174,132</b>	<b>83,858</b>	<b>71,603</b>	<b>52,670</b>	<b>25,338</b>	<b>23,737</b>	<b>19,005</b>
Europe <sup>2</sup> . . . . .	112,401	21,417	26,392	2,828	12,358	6,021	8,016	6,118	866	1,556
Poland . . . . .	20,537	961	4,647	212	7,776	419	2,172	557	85	107
Soviet Union . . . . .	25,524	7,535	9,212	152	1,603	230	447	1,677	39	65
United Kingdom . . . . .	15,928	3,761	2,062	847	459	1,841	788	579	227	467
Asia <sup>2</sup> . . . . .	338,581	130,814	45,628	16,805	14,549	8,122	15,808	8,273	2,797	9,419
China:										
Mainland . . . . .	31,815	11,494	9,721	1,010	914	460	1,030	1,189	234	380
Taiwan . . . . .	15,151	6,806	1,783	1,034	456	267	970	284	123	308
India . . . . .	30,667	5,794	4,931	1,956	3,431	822	3,927	671	167	805
Iran . . . . .	24,977	14,344	1,735	1,400	391	587	469	456	203	922
Korea . . . . .	32,301	9,951	4,475	1,202	1,523	524	1,619	350	222	1,480
Laos . . . . .	10,446	4,851	126	216	175	102	16	267	38	91
Pakistan . . . . .	9,729	1,532	2,553	1,026	934	444	690	112	44	582
Philippines . . . . .	63,756	31,223	5,525	1,691	3,104	1,532	3,560	325	341	1,398
Vietnam . . . . .	48,792	19,675	2,254	4,343	954	1,275	500	2,048	872	1,505
North America <sup>2</sup> . . . . .	957,556	510,106	78,610	148,302	53,472	43,395	14,760	7,640	19,528	4,562
Canada . . . . .	16,812	3,249	1,709	618	370	3,329	414	459	438	254
Mexico . . . . .	679,066	420,377	7,099	130,813	48,618	6,210	1,441	273	18,350	899
Caribbean <sup>2</sup> . . . . .	115,351	1,641	56,527	834	859	24,712	9,261	5,147	67	351
Cuba . . . . .	10,645	424	401	87	97	8,519	559	31	10	13
Dominican Republic . . . . .	42,195	155	26,457	95	83	1,694	4,044	2,153	6	58
Haiti . . . . .	20,324	109	8,654	37	208	6,575	1,910	1,767	2	24
Jamaica . . . . .	25,013	517	12,203	242	348	5,380	1,890	645	15	133
Central America <sup>2</sup> . . . . .	146,202	84,812	13,264	16,023	3,623	9,136	3,641	1,758	672	3,051
El Salvador . . . . .	80,173	51,009	5,601	12,033	751	1,061	1,609	774	265	2,324
Guatemala . . . . .	32,303	21,868	2,324	1,739	1,908	945	688	538	231	307
Honduras . . . . .	12,024	3,483	2,794	1,263	352	1,815	630	228	49	113
Nicaragua . . . . .	11,562	4,979	596	476	73	3,976	258	35	69	171
South America <sup>2</sup> . . . . .	85,819	12,105	31,251	2,837	2,188	12,827	11,354	1,487	257	1,803
Colombia . . . . .	24,189	3,239	8,388	1,103	668	4,820	3,706	439	52	229
Ecuador . . . . .	12,476	1,353	6,892	193	718	721	1,837	113	17	75
Guyana . . . . .	11,362	246	8,227	88	43	577	1,037	100	4	54
Peru . . . . .	15,726	3,620	3,522	505	356	2,150	2,960	206	69	520
Africa . . . . .	35,893	5,344	7,424	3,162	1,223	1,114	2,670	1,747	207	1,597

<sup>1</sup> Includes other States, Puerto Rico and other outlying areas, not shown separately.

<sup>2</sup> Includes other countries and areas, not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

**No. 11. Immigrants Admitted, by Leading Country of Birth and Metropolitan Area of Intended Residence: 1990**

[For year ending September 30. Includes Puerto Rico. Includes new arrivals and persons adjusting their status. MSA-metropolitan statistical area; PMSA-primary metropolitan statistical area; and NECMA-New England county metropolitan area as defined by U.S. Office of Management and Budget, June 30, 1986. See text, section 1, and Appendix II]

METROPOLITAN AREA OF INTENDED RESIDENCE	Total <sup>1</sup>	Mexico	El Salvador	Philippines	Vietnam <sup>2</sup>	Dominican Republic	Guate-mala	Korea	China: Mainland	India
<b>Total <sup>3</sup></b>	<b>1,536,483</b>	<b>679,068</b>	<b>80,173</b>	<b>63,756</b>	<b>48,662</b>	<b>42,195</b>	<b>32,303</b>	<b>32,301</b>	<b>31,815</b>	<b>30,667</b>
Los Angeles-Long Beach, CA PMSA	374,773	231,267	42,172	11,644	4,745	86	18,446	6,059	3,525	1,440
New York, NY PMSA	164,330	6,436	2,853	4,750	1,155	25,430	1,895	3,586	9,030	3,530
Chicago, IL PMSA	73,107	41,848	631	2,655	742	70	1,839	1,238	802	3,024
Anaheim-Santa Ana, CA PMSA	65,367	44,414	2,026	1,407	4,950	13	1,060	1,219	459	667
Houston, TX PMSA	58,208	34,973	9,285	677	2,014	48	988	263	473	854
Miami-Hialeah, FL PMSA	37,677	1,273	706	292	56	1,342	650	64	157	139
San Diego, CA MSA	37,208	25,540	226	3,539	1,575	13	190	205	278	114
Riverside-San Bernardino, CA PMSA	35,616	27,159	998	1,224	505	2	581	373	136	269
Washington, DC-MD-VA MSA	32,705	1,056	4,956	1,228	2,188	277	620	1,940	802	1,465
San Francisco, CA PMSA	29,144	7,060	2,871	3,574	1,459	6	686	358	3,782	248
Dallas, TX PMSA	28,533	19,391	1,595	270	1,015	15	377	391	248	523
San Jose, CA PMSA	26,250	10,766	654	2,440	3,861	14	148	516	963	816
Oakland, CA PMSA	20,894	6,884	643	2,678	1,040	5	157	401	1,506	769
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA	20,776	215	698	246	1,435	2,093	494	241	1,115	501
Newark, NJ PMSA	16,089	127	521	883	197	538	235	195	226	813
Nassau-Suffolk, NY PMSA	14,823	262	2,643	424	94	829	365	389	394	807
Phoenix, AZ MSA	14,714	10,726	206	211	692	5	198	146	176	130
El Paso, TX MSA	14,476	14,009	25	33	5	1	15	59	18	20
Bergen-Passaic, NJ PMSA	13,144	665	275	724	15	1,480	85	727	161	790
Philadelphia, PA-NJ PMSA	11,440	382	64	577	1,228	126	37	909	439	931
Fresno, CA MSA	11,193	8,066	175	156	74	-	55	28	75	280
McAllen-Edinburg-Mission, TX MSA	9,937	9,719	29	10	-	2	27	7	2	1
Jersey City, NJ PMSA	9,921	155	636	889	61	1,153	173	160	156	612
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	9,906	349	112	127	87	111	67	58	92	145
Fort Worth-Arlington, TX PMSA	9,736	6,805	182	82	635	5	56	82	68	200
Oxnard-Ventura, CA PMSA	9,508	7,251	195	548	80	3	124	103	54	93
Sacramento, CA MSA	8,993	3,378	137	602	604	4	43	222	307	172
San Antonio, TX MSA	8,668	7,304	103	139	99	13	95	104	47	43
Atlanta, GA MSA	8,079	1,363	180	151	923	31	52	430	132	319
Seattle, WA PMSA	7,335	573	61	1,025	1,083	2	26	542	403	153
Bakersfield, CA MSA	7,246	6,094	194	344	10	-	63	39	17	83
Detroit, MI PMSA	7,199	309	14	398	146	12	10	280	172	552
Honolulu, HI MSA	6,706	44	6	3,051	537	-	-	678	511	16
Salinas-Seaside-Monterey, CA MSA	6,695	5,570	119	292	66	1	13	106	33	24
Middlesex-Somerset-Hunterdon, NJ PMSA	6,414	177	68	433	46	636	51	205	222	1,093
San Juan, PR PMSA	6,181	41	22	11	1	5,171	7	4	55	5
Brownsville-Harlingen, TX MSA	6,175	5,883	75	38	-	-	22	1	6	1
Visalia-Tulare-Porterville, CA MSA	5,925	4,846	62	175	3	-	20	11	10	56
Denver, CO PMSA	5,509	2,967	36	148	364	3	32	202	110	77
Santa Barbara-Santa Maria-Lompoc, CA MSA	5,489	4,483	43	178	28	1	127	49	24	27
Stockton, CA MSA	5,463	2,886	33	490	292	-	16	16	64	87
Minneapolis-St. Paul, MN-WI MSA	5,439	193	15	156	559	6	15	246	106	145
Austin, TX MSA	5,044	3,496	183	37	195	1	27	70	60	53
West Palm Beach-Boca Raton-Delray Beach, FL MSA	5,012	599	67	75	40	42	58	25	36	86
Las Vegas, NV MSA	4,986	2,607	250	413	132	7	67	148	105	33
Tampa-St. Petersburg-Clearwater, FL MSA	4,721	913	36	166	418	37	35	88	40	91
Bridgeport-Stamford-Norwalk-Danbury, CT NECMA	4,507	111	62	77	146	123	92	44	69	207
Portland, OR PMSA	4,493	1,071	39	147	654	1	33	283	190	50
Santa Cruz, CA MSA	4,396	3,963	31	69	15	3	7	8	44	11
Tucson, AZ MSA	4,232	3,338	34	50	159	-	19	36	41	23
Modesto, CA MSA	4,062	2,869	36	62	34	2	22	26	20	98
Baltimore, MD MSA	3,732	99	38	223	108	21	13	544	122	221
Merced, CA MSA	3,696	2,755	37	47	1	-	8	9	10	118
Hartford-New Britain-Middletown-Bristol, CT NECMA	3,673	35	17	55	223	47	11	66	68	151
Lake County, IL PMSA	3,587	2,429	98	157	4	-	45	94	24	126
Providence-Pawtucket-Woonsocket, RI NECMA	3,566	75	35	88	33	539	259	36	73	45
Vallejo-Fairfield-Napa, CA PMSA	3,510	1,756	99	983	61	1	22	45	24	80
Orlando, FL MSA	3,445	318	49	134	259	92	22	69	30	99
Aurora-Elgin, IL PMSA	3,065	2,601	15	37	15	4	17	25	4	51
Albuquerque, NM MSA	2,878	2,264	27	35	154	1	34	38	27	35
Oklahoma City, OK MSA	2,741	1,391	5	55	364	1	39	78	31	51
Laredo, TX MSA	2,557	2,498	11	1	-	-	19	1	-	5

<sup>-</sup> Represents zero. <sup>1</sup> Includes other countries, not shown separately. <sup>2</sup> Data for immigrants admitted under the legalization program are not available separately for Vietnam and thus not included in this column. <sup>3</sup> Includes other metropolitan areas, not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

## Population

#### **NO. 12. Total Population, by Age and Sex: 1980 to 1991**

**DEFENSE EXPENDITURES** in thousands, except as indicated. 1980, as of April 1, other years as of July 1. Includes Armed Forces abroad. For definition of estimates, see text, section 1. For definition of *Colonial Times* to 1970, series A23 and A24-41.

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1045; and unpublished data.

# Total Population

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## No. 13. Total Population, by Sex and Age: 1991

[In thousands, except as indicated. As of July 1. Includes Armed Forces abroad. For derivation of estimates, see text, section 1.]

AGE	Total	Male	Female	AGE	Total	Male	Female
<b>Total . . . . .</b>	<b>252,688</b>	<b>123,431</b>	<b>129,257</b>	41 yrs. old . . . . .	3,721	1,838	1,883
Under 5 yrs. old . . . . .	19,222	9,836	9,386	42 yrs. old . . . . .	3,634	1,793	1,841
Under 1 yr. old . . . . .	4,011	2,052	1,959	43 yrs. old . . . . .	3,589	1,765	1,825
1 yr. old . . . . .	3,969	2,030	1,938	44 yrs. old . . . . .	3,998	1,988	2,010
2 yrs. old . . . . .	3,806	1,949	1,857	45 to 49 yrs. old . . . . .	14,101	6,913	7,188
3 yrs. old . . . . .	3,718	1,902	1,816	46 yrs. old . . . . .	2,834	1,394	1,440
4 yrs. old . . . . .	3,717	1,902	1,815	47 yrs. old . . . . .	2,823	1,385	1,437
5 to 9 yrs. old . . . . .	16,237	9,337	8,900	48 yrs. old . . . . .	2,850	1,394	1,456
5 yrs. old . . . . .	3,702	1,897	1,806	49 yrs. old . . . . .	2,857	1,397	1,459
6 yrs. old . . . . .	3,681	1,884	1,797	50 to 54 yrs. old . . . . .	11,646	5,657	5,989
7 yrs. old . . . . .	3,575	1,829	1,746	55 yrs. old . . . . .	2,528	1,234	1,294
8 yrs. old . . . . .	3,512	1,797	1,715	51 yrs. old . . . . .	2,340	1,140	1,200
9 yrs. old . . . . .	3,767	1,930	1,836	52 yrs. old . . . . .	2,298	1,116	1,182
10 to 14 yrs. old . . . . .	17,671	9,051	8,620	53 yrs. old . . . . .	2,280	1,105	1,175
10 yrs. old . . . . .	3,703	1,899	1,804	54 yrs. old . . . . .	2,200	1,063	1,137
11 yrs. old . . . . .	3,662	1,875	1,786	55 to 59 yrs. old . . . . .	10,423	4,987	5,436
12 yrs. old . . . . .	3,484	1,783	1,701	56 yrs. old . . . . .	2,129	1,023	1,106
13 yrs. old . . . . .	3,414	1,746	1,668	57 yrs. old . . . . .	2,195	1,054	1,141
14 yrs. old . . . . .	3,409	1,747	1,661	58 yrs. old . . . . .	1,946	927	1,019
15 to 19 yrs. old . . . . .	17,242	8,866	8,376	59 yrs. old . . . . .	2,085	992	1,093
15 yrs. old . . . . .	3,293	1,690	1,603	60 to 64 yrs. old . . . . .	10,582	4,945	5,637
16 yrs. old . . . . .	3,362	1,732	1,630	65 yrs. old . . . . .	2,124	994	1,129
17 yrs. old . . . . .	3,360	1,733	1,627	61 yrs. old . . . . .	2,100	994	1,106
18 yrs. old . . . . .	3,391	1,740	1,651	62 yrs. old . . . . .	2,076	971	1,105
19 yrs. old . . . . .	3,836	1,973	1,863	63 yrs. old . . . . .	2,145	1,004	1,141
20 to 24 yrs. old . . . . .	19,372	9,931	9,440	64 yrs. old . . . . .	2,138	982	1,156
20 yrs. old . . . . .	4,120	2,123	1,997	65 to 69 yrs. old . . . . .	10,037	4,491	5,546
21 yrs. old . . . . .	4,009	2,064	1,944	65 yrs. old . . . . .	2,072	939	1,132
22 yrs. old . . . . .	3,767	1,933	1,834	66 yrs. old . . . . .	2,069	933	1,136
23 yrs. old . . . . .	3,664	1,872	1,792	67 yrs. old . . . . .	2,026	910	1,116
24 yrs. old . . . . .	3,812	1,839	1,873	68 yrs. old . . . . .	1,911	848	1,063
25 to 29 yrs. old . . . . .	20,844	10,502	10,341	69 yrs. old . . . . .	- 1,960	862	1,099
25 yrs. old . . . . .	3,866	1,960	1,906	70 to 74 yrs. old . . . . .	8,242	3,531	4,712
26 yrs. old . . . . .	4,069	2,050	2,019	70 yrs. old . . . . .	1,886	828	1,058
27 yrs. old . . . . .	4,242	2,138	2,104	71 yrs. old . . . . .	1,731	750	981
28 yrs. old . . . . .	4,086	2,053	2,033	72 yrs. old . . . . .	1,649	710	939
29 yrs. old . . . . .	4,580	2,301	2,279	73 yrs. old . . . . .	1,518	637	881
30 to 34 yrs. old . . . . .	22,242	11,107	11,135	74 yrs. old . . . . .	1,458	606	852
30 yrs. old . . . . .	4,501	2,251	2,250	75 to 79 yrs. old . . . . .	8,279	2,482	3,797
31 yrs. old . . . . .	4,432	2,216	2,216	75 yrs. old . . . . .	1,405	576	829
32 yrs. old . . . . .	4,387	2,188	2,199	76 yrs. old . . . . .	1,334	540	795
33 yrs. old . . . . .	4,387	2,182	2,205	77 yrs. old . . . . .	1,244	491	753
34 yrs. old . . . . .	4,534	2,270	2,284	78 yrs. old . . . . .	1,204	462	742
35 to 39 yrs. old . . . . .	20,573	10,225	10,349	79 yrs. old . . . . .	1,091	414	677
35 yrs. old . . . . .	4,325	2,154	2,172	80 to 84 yrs. old . . . . .	4,035	1,406	2,629
36 yrs. old . . . . .	4,201	2,090	2,111	80 yrs. old . . . . .	970	352	618
37 yrs. old . . . . .	4,132	2,051	2,081	81 yrs. old . . . . .	883	314	568
38 yrs. old . . . . .	3,788	1,876	1,913	82 yrs. old . . . . .	799	279	521
39 yrs. old . . . . .	4,127	2,055	2,073	83 yrs. old . . . . .	739	249	489
40 to 44 yrs. old . . . . .	18,779	9,282	9,498	84 yrs. old . . . . .	644	211	433
40 yrs. old . . . . .	3,836	1,898	1,938	85 yrs. old and over . . . . .	3,160	881	2,279
				Median age (yr.) . . . . .	33.1	31.9	34.3

Source: U.S. Bureau of the Census, unpublished data.

## Population

**No. 14. Resident Population—Selected Characteristics: 1790 to 1991**

[In thousands, except as indicated. Excludes Armed Forces abroad. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 73-81 and A 143-149]

DATE	SEX		RACE				Hispanic origin <sup>1</sup>	RESIDENCE <sup>2</sup>		Median age (years)	
	Male	Female	White	Black	Other			Urban	Rural		
					Total	American Indians and Alaska Natives	Asian and Pacific Islanders				
1790 (Aug. 2) <sup>3</sup> . . . . .	(NA)	(NA)	3,172	757	(NA)	(NA)	(NA)	(NA)	202	3,728 (NA)	
1800 (Aug. 4) <sup>3</sup> . . . . .	(NA)	(NA)	4,306	1,002	(NA)	(NA)	(NA)	(NA)	322	4,986 (NA)	
1850 (June 1) <sup>3</sup> . . . . .	11,838	11,354	19,553	3,639	(NA)	(NA)	(NA)	(NA)	3,544	19,648 18.9	
1860 (June 1) <sup>3</sup> . . . . .	16,085	15,358	26,023	4,442	79	(NA)	(NA)	(NA)	6,217	25,227 19.4	
1870 (June 1) <sup>3</sup> . . . . .	19,494	19,065	33,589	4,880	89	(NA)	(NA)	(NA)	9,902	28,656 20.2	
1880 (June 1) <sup>3</sup> . . . . .	25,519	24,637	43,403	6,581	172	(NA)	(NA)	(NA)	14,130	36,026 20.9	
1890 (June 1) <sup>3</sup> . . . . .	32,237	30,711	55,101	7,489	358	(NA)	(NA)	(NA)	22,106	40,841 22.0	
1900 (June 1) <sup>3</sup> . . . . .	38,816	37,178	66,809	8,834	351	(NA)	(NA)	(NA)	30,160	45,835 22.9	
1910 (Apr. 15) <sup>3</sup> . . . . .	47,332	44,640	81,732	9,828	413	(NA)	(NA)	(NA)	41,999	49,973 24.1	
1920 (Jan. 1) <sup>3</sup> . . . . .	53,900	51,810	94,821	10,463	427	(NA)	(NA)	(NA)	54,158	51,553 25.3	
1930 (Apr. 1) <sup>3</sup> . . . . .	62,137	60,838	110,287	11,891	597	(NA)	(NA)	(NA)	68,955	53,820 26.4	
1940 (Apr. 1) <sup>3</sup> . . . . .	66,062	65,608	118,215	12,866	589	(NA)	(NA)	(NA)	74,424	57,246 29.0	
1950 (Apr. 1) <sup>3</sup> . . . . .	74,833	75,864	134,942	15,042	713	(NA)	(NA)	(NA)	96,468	54,230 30.2	
1950 (Apr. 1) . . . . .	75,187	76,139	135,150	15,045	1,131	(NA)	(NA)	(NA)	96,847	54,479 30.2	
1960 (Apr. 1) . . . . .	88,331	90,992	158,832	18,872	1,620	(NA)	(NA)	(NA)	125,269	54,054 29.5	
1970 (Apr. 1) <sup>4</sup> . . . . .	98,926	104,309	178,098	22,581	2,557	(NA)	(NA)	(NA)	149,647	53,565 28.0	
1980 (Apr. 1) <sup>5</sup> . . . . .	110,053	116,493	194,713	26,683	5,150	1,420	3,729	14,609	167,051	59,495 30.0	
1990 (Apr. 1) <sup>6</sup> . . . . .	121,239	127,471	208,704	30,483	9,523	2,065	7,458	22,354	187,053	61,656 32.8	
1991 (July 1) <sup>6</sup> . . . . .	122,979	129,198	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA) 33.1	

NA Not available. <sup>1</sup> Persons of Hispanic origin may be of any race. <sup>2</sup> Beginning 1950, current definition. For explanation of change, see text, section 1. <sup>3</sup> Excludes Alaska and Hawaii. <sup>4</sup> The revised 1970 resident population count is 203,302,031; which incorporates changes due to errors found after tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence data come from the tabulated count; see text, section 1. <sup>5</sup> The race data shown have been modified; see text, section 1 for explanation. <sup>6</sup> Estimated.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I, part 1; *1970*, vol. I, part B; *Current Population Reports*, series P-25, No. 1045, and forthcoming report.

**No. 15. Resident Population Characteristics—Percent Distribution: 1850 to 1991**

[In percent. Excludes Armed Forces abroad]

DATE	SEX		RACE			RESIDENCE <sup>1</sup>	
	Male	Female	White	Black	Other	Urban	Rural
1850 (June 1) <sup>2</sup> . . . . .	51.0	49.0	84.3	15.7	(NA)	15.3	84.7
1860 (June 1) <sup>2</sup> . . . . .	51.2	48.8	85.6	14.1	0.3	19.8	80.2
1870 (June 1) <sup>2</sup> . . . . .	50.6	49.4	87.1	12.7	0.2	25.7	74.3
1880 (June 1) <sup>2</sup> . . . . .	50.9	49.1	86.5	13.1	0.3	28.2	71.8
1890 (June 1) <sup>2</sup> . . . . .	51.2	48.8	87.5	11.9	0.6	35.1	64.9
1900 (June 1) <sup>2</sup> . . . . .	51.1	48.9	87.9	11.6	0.5	39.7	60.3
1910 (Apr. 15) <sup>2</sup> . . . . .	51.5	48.5	88.9	10.7	0.4	45.7	54.3
1920 (Jan. 1) <sup>2</sup> . . . . .	51.0	49.0	89.7	9.9	0.4	51.2	48.8
1930 (Apr. 1) <sup>2</sup> . . . . .	50.6	49.4	89.8	9.7	0.5	56.2	43.8
1940 (Apr. 1) <sup>2</sup> . . . . .	50.2	49.8	89.8	9.8	0.4	56.5	43.5
1950 (Apr. 1) <sup>2</sup> . . . . .	49.7	50.3	89.5	10.0	0.5	64.0	36.0
1950 (Apr. 1) . . . . .	49.7	50.3	89.3	9.9	0.7	64.0	36.0
1960 (Apr. 1) . . . . .	49.3	50.7	88.6	10.5	0.9	69.9	30.1
1970 (Apr. 1) <sup>3</sup> . . . . .	48.7	51.3	87.6	11.1	1.3	73.6	26.4
1980 (Apr. 1) <sup>3</sup> . . . . .	48.6	51.4	85.9	11.8	2.3	73.7	26.3
1990 (Apr. 1) <sup>3</sup> . . . . .	48.7	51.3	83.9	12.3	3.6	75.2	24.8
1991 (July 1) <sup>4</sup> . . . . .	48.8	51.2	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Beginning 1950, current definition. For explanation of change, see text, section 1. <sup>2</sup> Excludes Alaska and Hawaii. <sup>3</sup> The race data shown have been modified; see text, section 1 for explanation. <sup>4</sup> Estimated.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I, part 1; *1970*, vol. I, part B; *Current Population Reports*, series P-25, No. 1045, and forthcoming report.

# Population by Race and Hispanic Origin

17

## No. 16. Resident Population, by Race and Hispanic Origin: 1980 and 1990

[As of April 1]

RACE AND HISPANIC ORIGIN	NUMBER (1,000)		PERCENT DISTRIBUTION		CHANGE, 1980-90	
	1980	1990	1980	1990	Number (1,000)	Percent
All persons .....	226,546	248,710	100.0	100.0	22,164	9.8
RACE						
White .....	188,372	199,686	83.1	80.3	11,314	6.0
Black .....	26,495	29,986	11.7	12.1	3,491	13.2
American Indian, Eskimo, or Aleut .....	1,420	1,959	0.6	0.8	539	37.9
American Indian .....	1,364	1,878	0.6	0.8	514	37.7
Eskimo .....	42	57	(Z)	(Z)	15	35.6
Aleut .....	14	24	(Z)	(Z)	10	67.5
Asian or Pacific Islander .....	3,500	7,274	1.5	2.9	3,773	107.8
Chinese .....	806	1,645	0.4	0.7	839	104.1
Filipino .....	775	1,407	0.3	0.6	632	81.6
Japanese .....	701	848	0.3	0.3	147	20.9
Asian Indian .....	362	815	0.2	0.3	454	125.6
Korean .....	355	799	0.2	0.3	444	125.3
Vietnamese .....	262	615	0.1	0.2	353	134.8
Hawaiian .....	167	211	0.1	0.1	44	26.5
Samoan .....	42	63	(Z)	(Z)	21	50.1
Guamanian .....	32	49	(Z)	(Z)	17	53.4
Other Asian or Pacific Islander .....	(NA)	822	(NA)	0.3	(NA)	(NA)
Other race .....	6,758	9,805	3.0	3.9	3,047	45.1
HISPANIC ORIGIN						
Hispanic origin <sup>2</sup> .....	14,609	22,354	6.4	9.0	7,745	53.0
Mexican .....	8,740	13,496	3.9	5.4	4,755	54.4
Puerto Rican .....	2,014	2,728	0.9	1.1	714	35.4
Cuban .....	803	1,044	0.4	0.4	241	30.0
Other Hispanic .....	3,051	5,086	1.3	2.0	2,035	66.7
Not of Hispanic origin .....	211,937	226,356	93.6	91.0	14,419	6.8

NA Not available. Z Less than .05 percent.

<sup>1</sup> Not entirely comparable with 1990 counts. The 1980 count shown here which is based on 100-percent tabulations includes only the nine specific Asian or Pacific Islander groups listed separately in the 1980 race item. The 1980 total Asian or Pacific Islander population of 3,726,440 from sample tabulations is comparable to the 1990 count; these figures include groups not listed separately in the race item on the 1980 census form.

<sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, press release CB91-216.

## No. 17. Resident Population, by Age, Race, and Hispanic Origin—Percent Distribution: 1980 and 1990

[In percent. As of April 1]

RACE AND HISPANIC ORIGIN	TOTAL		UNDER 5 YEARS OLD		5 TO 17 YEARS OLD		18 TO 44 YEARS OLD		45 TO 64 YEARS OLD		65 YEARS OLD AND OVER	
	1980	1990	1980	1990	1980	1990	1980	1990	1980	1990	1980	1990
All persons .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White .....	83.1	80.3	77.3	74.4	79.0	75.1	82.5	79.0	87.2	84.7	89.8	89.1
Black .....	11.7	12.1	14.9	15.2	14.7	15.0	11.7	12.4	9.4	9.9	8.2	8.0
American Indian, Eskimo, or Aleut .....	0.6	0.8	0.9	1.1	0.9	1.1	0.6	0.8	0.4	0.6	0.3	0.4
Asian or Pacific Islander .....	1.5	2.9	1.8	3.2	1.6	3.3	1.8	3.3	1.3	2.6	0.8	1.5
Other race .....	3.0	3.9	5.1	6.1	3.9	5.5	3.4	4.5	1.7	2.3	0.9	1.0
Hispanic origin <sup>2</sup> .....	6.4	9.0	10.2	13.0	8.4	11.9	6.8	9.8	4.4	6.3	2.8	3.7
Not of Hispanic origin .....	93.6	91.0	89.8	87.0	91.6	88.1	93.2	90.2	95.6	93.7	97.2	96.3

<sup>1</sup> 1980 data are not entirely comparable with 1990 counts. See footnote 1, table 16.

<sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter B; and *1990 Census of Population and Housing Data Paper Listing* (CPH-L-74).

## Population

No. 18. Resident Population, by Age, Race, and Hispanic Origin: 1980 and 1990  
 [In thousands, except percent. As of April. Hispanic persons may be of any race.]

YEAR AND SEX	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-74 years	75 years and over	75 years	5-13 years	14-17 years	18-24 years			
<b>ALL RACES<sup>1</sup></b>																							
1980	228,546	16,348	16,700	18,354	18,059	17,114	17,754	19,020	21,313	19,521	17,561	19,263	19,983	11,089	11,710	11,615	10,088	9,969	31,159	16,247	30,022		
1990	248,710	19,392	9,263	8,767	8,347	9,103	9,676	10,696	10,877	9,902	10,877	10,935	13,873	11,351	10,532	10,618	18,107	13,135	31,970	13,280	26,738		
Male	121,239	6,767	6,263	5,837	5,651	6,347	6,845	7,066	7,066	7,062	7,062	6,851	8,986	8,924	6,892	6,811	5,515	5,034	4,947	7,942	6,624	13,616	
Female	127,470	8,962	8,837	8,347	8,347	10,617	10,617	10,986	10,081	9,824	9,824	9,824	7,062	5,836	5,836	5,497	5,689	10,165	8,512	8,512	15,803	6,455	
<b>WHITE</b>																							
1980	188,312	12,634	13,033	14,033	14,461	16,962	17,269	15,624	16,639	17,352	16,465	17,756	18,082	14,500	14,457	10,158	10,238	8,976	13,908	9,041	24,501	24,294	
1990	198,866	13,649	13,649	13,616	12,954	13,343	14,524	14,524	16,639	17,352	16,465	17,756	18,082	14,500	14,457	10,158	10,238	8,976	13,908	9,041	24,501	24,294	
Male	97,176	7,004	6,901	6,507	6,845	7,338	8,385	8,750	8,954	7,227	5,737	5,737	5,737	4,687	4,687	4,687	4,687	4,687	4,331	4,331	7,069	4,146	
Female	102,210	6,645	6,626	6,247	6,497	7,136	8,254	8,652	8,652	6,927	7,779	7,779	7,779	5,849	5,849	5,849	5,849	5,849	8,957	8,957	7,780	4,923	
<b>BLACK</b>																							
1980	26,495	2,496	2,673	2,673	2,673	2,985	2,725	2,321	1,889	1,458	1,251	1,143	1,143	1,143	1,143	1,143	1,143	871	1,341	746	4,596	3,914	
1990	28,386	2,386	2,671	2,671	2,671	2,858	2,579	2,708	2,682	2,337	1,876	1,406	1,406	1,406	1,406	1,406	1,406	871	1,341	746	4,596	3,914	
Male	14,170	1,408	1,350	1,314	1,342	1,259	1,286	1,251	1,083	886	886	886	886	886	886	886	886	886	1,341	1,341	746	4,596	
Female	15,816	1,377	1,321	1,287	1,316	1,320	1,422	1,422	1,422	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,341	1,341	746	4,596	
<b>AMERICAN INDIAN, ESKIMO, ALASKA</b>																							
1980	1,420	1,420	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	
1990	1,420	1,420	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	1,359	
Male	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967	967
Female	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992	992
<b>ASIAN, PACIFIC ISLANDER</b>																							
1980	3,500	293	302	280	289	320	369	371	277	221	181	158	130	98	98	138	74	527	224	439	216	216	
1990	3,500	590	556	552	604	632	691	726	670	572	406	312	251	219	301	154	154	1,040	454	890	238	238	
Male	2,724	358	358	358	301	302	312	336	343	350	317	267	267	267	195	195	195	195	195	195	195	195	195
Female	3,716	288	294	291	306	306	348	376	363	363	363	305	210	180	137	124	124	167	83	512	218	216	
<b>HISPANIC ORIGIN</b>																							
1980	14,609	1,663	1,587	1,475	1,606	1,566	1,376	1,129	954	712	622	564	454	321	457	252	2715	1,250	2,240	1,250	1,250	1,250	
1990	14,609	2,388	2,194	2,002	2,054	2,304	2,341	2,062	1,861	1,284	954	756	639	554	723	438	3,813	1,957	3,184	1,957	1,957	1,957	
Male	11,384	1,218	1,119	1,023	1,084	1,252	1,250	1,074	846	640	468	468	364	302	315	186	186	186	807	807	807	807	807
Female	10,986	1,169	1,075	976	970	1,043	1,091	988	815	644	486	486	392	337	298	408	272	272	1,867	1,867	1,867	1,867	1,867
<b>PERCENT</b>																							
Total, 1990	100.0	7.4	7.3	6.9	7.1	7.6	8.6	8.0	7.1	6.8	6.8	6.7	6.7	6.1	5.8	4.8	4.2	4.3	7.3	5.3	10.8	10.8	
White	100.0	6.8	6.8	6.7	6.7	7.3	8.3	8.7	8.6	9.0	8.9	8.9	8.9	8.3	7.3	6.3	4.8	4.5	8.0	5.9	12.0	10.2	
Black	100.0	9.3	8.9	8.7	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	8.9	3.9	3.9	5.0	3.4	6.7	12.4	
American Indian, Eskimo, Alaskan Native	100.0	10.3	10.2	9.6	9.2	8.7	8.3	8.1	8.0	8.7	7.7	6.4	5.0	3.9	3.5	3.0	2.1	2.1	18.0	7.3	12.2	12.2	
Asian, Pacific Islander	100.0	8.1	8.1	8.2	8.2	7.6	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	4.1	4.1	14.3	14.3	14.3	14.3	
Hispanic origin	100.0	10.7	9.8	9.0	9.2	10.3	10.5	9.2	10.5	9.2	7.4	7.4	7.4	7.4	7.4	7.4	3.4	3.4	2.5	2.5	2.0	14.2	

<sup>1</sup> Includes other races not shown separately.<sup>2</sup> See footnote 1, table 16.

Source: U.S. Bureau of the Census, 1980 Census of Population, vol. 1, chapter B, and 1990 Census of Population and Housing Data Paper Listing (CPH-L74).

### No. 19. Resident Population, by Age and Sex: 1970 to 1991

[In thousands, except as indicated. Based on enumerated population as of April 1, 1991 based on estimated population as of July 1. Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A119-134.]

YEAR AND SEX	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-74 years	75 years and over	14-17 years	18-24 years	16 years and over	65 years and over	Median age (y.)	
1970, total <sup>1</sup>	233,235	17,163	19,989	20,804	19,084	16,383	13,486	11,437	11,113	11,988	12,124	11,111	9,879	8,623	7,530	36,575	15,851	23,714	141,268	19,972	28.0	
Male .....	98,926	8,750	10,175	10,598	9,641	7,925	6,859	5,593	5,416	5,823	5,351	4,769	5,440	5,030	2,927	18,587	8,059	11,583	67,347	8,367	26.8	
Female .....	104,309	8,413	9,754	10,205	9,443	8,458	6,859	5,831	5,697	6,166	6,289	5,759	6,299	4,583	7,002	4,603	17,987	7,752	12,131	73,920	11,605	29.3
1980, total <sup>2</sup>	226,546	16,700	18,700	18,242	16,168	21,319	19,521	17,561	13,965	11,669	11,040	11,710	11,615	10,988	15,581	9,969	31,159	16,247	30,022	171,196	26,549	30.0
Male .....	110,053	8,362	8,559	9,316	10,755	10,963	9,775	8,677	6,862	5,708	5,388	5,621	5,482	4,670	6,757	3,548	15,923	8,258	15,054	81,786	13,035	28.8
Female .....	116,483	7,986	8,161	8,926	10,413	10,855	9,816	8,884	7,104	5,961	5,702	6,089	6,133	5,418	8,824	6,420	15,237	7,950	14,969	69,429	15,245	31.3
1990, total <sup>2</sup>	248,710	18,758	18,035	17,080	19,132	21,328	17,882	18,833	17,588	17,444	16,487	16,045	13,033	10,625	13,340	9,625	13,426	10,487	191,536	31,079	32.8	
Male .....	121,239	9,599	9,232	8,739	9,173	9,743	10,702	10,852	9,833	8,876	6,739	5,493	5,008	4,947	7,907	4,586	16,295	6,887	13,734	91,984	12,493	31.6
Female .....	127,470	9,159	8,803	8,322	8,709	9,389	10,625	10,971	10,013	6,913	7,004	5,820	5,473	5,679	10,138	8,447	15,532	6,483	13,205	99,572	18,586	34.0
1991, total <sup>2</sup>	252,177	18,237	17,671	17,205	19,194	20,718	22,159	20,518	16,754	14,084	11,645	10,423	10,582	16,290	13,474	32,50	13,423	26,385	193,754	31,754	33.1	
Male .....	122,978	9,535	9,337	9,051	8,834	9,775	10,333	11,034	10,174	9,258	6,907	5,656	4,987	4,945	8,022	4,769	16,641	6,901	13,466	93,085	12,791	31.9
Female .....	128,198	9,386	8,900	8,620	8,371	9,419	10,325	11,125	10,344	9,496	7,188	5,989	5,436	5,637	10,258	8,705	15,859	6,522	12,929	100,689	18,962	34.3
Percent:																						
1970 .....	100.0	8.4	8.2	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	
1980 .....	100.0	7.2	7.4	8.1	9.3	9.4	8.6	7.8	6.2	5.2	4.9	5.2	4.9	5.2	4.9	5.2	4.9	4.5	4.5	4.4	4.4	
1980 <sup>2</sup> .....	100.0	7.5	7.3	6.9	7.2	7.7	8.6	8.8	8.0	7.1	5.5	4.5	4.2	4.3	7.3	5.2	12.8	5.4	11.3	75.6	12.5	
1991 .....	100.0	7.6	7.4	7.0	6.8	7.6	8.2	8.8	8.1	7.4	5.6	4.6	4.1	4.2	7.2	5.3	12.9	5.3	10.5	76.8	12.6	
Male .....	100.0	8.0	7.6	7.4	7.2	7.9	8.5	9.0	8.3	8.0	7.4	5.6	4.6	4.2	4.4	4.4	4.4	4.4	4.4	10.9	10.4	
Female .....	100.0	7.3	6.9	6.7	6.5	7.3	8.0	8.6	8.0	7.4	5.6	4.6	4.2	4.4	4.4	4.4	4.4	4.4	4.4	7.7	14.7	

X Not applicable. <sup>1</sup> Official count. The revised 1970 resident population count is 203,302,031; the difference of 66,753 is due to errors found after release of the official series. <sup>2</sup> The data shown have been modified from the official 1980 census counts. See text, section 1 for explanation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 917 and 1045; 1980 *Census of Population and Housing Data Paper Listing (CPH-L-74)*; and unpublished data.

## Population

**No. 20. Ratio of Males to Females, by Age Group: 1940 to 1991**

[Number of males per 100 females. As of April 1, except 1991, as of July 1. Total resident population]

AGE	1940	1950	1960	1970	1980	1990	1991
All ages . . . . .	100.7	98.6	97.1	94.8	94.5	95.1	95.2
Under 14 years . . . . .	103.0	103.7	103.4	103.9	104.6	104.9	104.9
14 to 24 years . . . . .	98.9	98.2	98.7	98.7	101.9	104.6	104.7
25 to 44 years . . . . .	98.5	96.4	95.7	95.5	97.4	98.9	99.0
45 to 64 years . . . . .	105.2	100.1	95.7	91.6	90.7	92.5	92.8
65 years and over . . . . .	95.5	89.6	82.8	72.1	67.6	67.2	67.5

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940*, vol. II, part 1, and vol. IV, part 1; *1950*, vol. II, part 1; *1960*, vol. I, part 1; *1970*, vol. I, part B; *Current Population Reports*, series P-25, No. 1045; *1990 Census of Population and Housing Data Paper Listing* (CPH-L-74); and unpublished data.

**No. 21. Annual Immigration, Outmigration, and Net Migration for Regions: 1980 to 1990**

[In thousands. As of March. For persons 1 year old and over. Excludes members of the Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III. For composition of regions, see table 25. Minus sign (-) indicates net outmigration]

PERIOD	North-east	Mid-west	South	West	PERIOD	North-east	Mid-west	South	West
<b>1980-1981:</b> Immigrants . . . . .	464	650	1,377	871	<b>1986-1987:</b> Immigrants . . . . .	398	858	1,374	916
Outmigrants . . . . .	706	1,056	890	710	Outmigrants . . . . .	732	969	1,095	750
Net internal migration . . . . .	-242	-406	487	161	Net internal migration . . . . .	-334	-111	279	186
Movers from abroad . . . . .	207	180	412	514	Movers from abroad . . . . .	214	193	277	458
Net migration . . . . .	-35	-226	899	675	Net migration . . . . .	-120	82	556	624
<b>1981-1982:</b> Immigrants . . . . .	473	793	1,482	931	<b>1987-1988:</b> Immigrants . . . . .	430	715	1,338	613
Outmigrants . . . . .	685	1,163	1,012	819	Outmigrants . . . . .	671	818	886	721
Net internal migration . . . . .	-212	-370	470	112	Net internal migration . . . . .	-241	-103	452	-108
Movers from abroad . . . . .	229	134	401	324	Movers from abroad . . . . .	261	146	414	379
Net migration . . . . .	17	-236	871	436	Net migration . . . . .	20	43	866	271
<b>1982-1983:</b> Immigrants . . . . .	439	661	1,211	880	<b>1988-1989:</b> Immigrants . . . . .	370	777	1,318	791
Outmigrants . . . . .	625	947	973	645	Outmigrants . . . . .	714	703	1,071	637
Net internal migration . . . . .	-186	-286	238	235	Net internal migration . . . . .	-344	74	247	154
Movers from abroad . . . . .	192	149	323	315	Movers from abroad . . . . .	292	170	375	629
Net migration . . . . .	8	-137	561	550	Net migration . . . . .	-52	244	622	783
<b>1983-1984:</b> Immigrants . . . . .	487	820	1,399	834	<b>1989-1990:</b>				
Outmigrants . . . . .	578	1,102	973	887	Total immigrants . . . . .	461	908	1,428	964
Net internal migration . . . . .	-91	-282	426	-53	From Northeast . . . . .	(X)	199	445	174
Movers from abroad . . . . .	213	141	363	341	From Midwest . . . . .	89	(X)	561	374
Net migration . . . . .	122	-141	809	288	From South . . . . .	246	536	(X)	416
<b>1984-1985:</b> Immigrants . . . . .	482	842	1,329	994	From West . . . . .	126	293	422	(X)
Outmigrants . . . . .	691	1,053	1,169	734	Total outmigrants . . . . .	758	1,024	1,198	781
Net internal migration . . . . .	-209	-211	160	260	To Northeast . . . . .	(X)	89	246	126
Movers from abroad . . . . .	228	168	532	499	To Midwest . . . . .	139	(X)	536	233
Net migration . . . . .	19	-43	692	759	To South . . . . .	445	561	(X)	422
<b>1985-1986:</b> Immigrants . . . . .	502	1,011	1,355	910	To West . . . . .	174	374	416	(X)
Outmigrants . . . . .	752	996	1,320	710	Net internal migration . . . . .	-297	116	230	183
Net internal migration . . . . .	-250	15	35	200	Movers from abroad . . . . .	328	169	500	562
Movers from abroad . . . . .	198	158	342	502	Net migration . . . . .	30	53	730	745
Net migration . . . . .	-52	173	377	702					

X Not applicable.

**No. 22. Mobility Status of the Population, by Selected Characteristics: 1989 to 1990**

[See headnote, table 21]

AGE AND REGION	Total (1,000)	PERCENT DISTRIBUTION						Movers from abroad	
		Non- movers (same house)	Movers (different house in U.S.)			Total	Same county		
			Total	Same county	Different county				
<b>Total . . . . .</b>	<b>242,208</b>	<b>82</b>	<b>17</b>	<b>11</b>	<b>7</b>	<b>3</b>	<b>3</b>	<b>1</b>	
1 to 4 years old . . . . .	14,948	76	23	15	8	4	4	1	
5 to 9 years old . . . . .	18,300	81	18	12	6	3	3	1	
10 to 14 years old . . . . .	17,168	85	14	9	5	2	3	1	
15 to 19 years old . . . . .	17,266	82	17	10	6	3	3	1	
20 to 24 years old . . . . .	17,988	62	36	23	14	7	6	2	
25 to 29 years old . . . . .	21,200	67	32	20	13	7	6	1	
30 to 44 years old . . . . .	59,236	61	18	11	7	3	4	1	
45 to 54 years old . . . . .	25,304	90	10	6	4	2	2	(2)	
55 to 64 years old . . . . .	21,232	92	7	4	3	2	2	2	
65 to 74 years old . . . . .	17,979	85	5	3	2	1	1	(2)	
75 years old and over . . . . .	11,587	94	6	3	3	1	1	(2)	
Northeast . . . . .	49,794	87	12	8	4	2	2	1	
Midwest . . . . .	58,499	84	16	10	6	3	3	(2)	
South . . . . .	82,780	81	19	11	8	4	4	1	
West . . . . .	51,136	77	22	14	8	4	4	1	

Z Less than 0.5 percent.

Source of tables 21 and 22: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 456.

## No. 23. U.S. Resident Population, by Region and Division: 1960 to 1991

[As of April 1; except 1985 and 1991, as of July 1. For composition of divisions, see table 25]

REGION AND DIVISION	POPULATION (millions)						PERCENT DISTRIBUTION					
	1960	1970	1980	1985	1990	1991	1960	1970	1980	1985	1990	1991
United States . . . . .	179.3	203.3	226.5	238.0	248.7	252.2	100.0	100.0	100.0	100.0	100.0	100.0
Northeast . . . . .	44.7	49.1	49.1	49.9	50.8	51.0	24.9	24.1	21.7	21.0	20.4	20.2
New England . . . . .	10.5	11.8	12.3	12.7	13.2	13.2	5.9	5.8	5.5	5.3	5.3	5.2
Middle Atlantic . . . . .	34.2	37.2	36.8	37.1	37.6	37.8	19.1	18.3	16.2	15.6	15.1	15.0
Midwest . . . . .	51.6	56.6	58.9	58.8	59.7	60.2	28.8	27.8	26.0	24.7	24.0	23.9
East North Central . . . . .	36.2	40.3	41.7	41.4	42.0	42.4	20.2	19.8	18.4	17.4	16.9	16.8
West North Central . . . . .	15.4	16.3	17.2	17.4	17.7	17.8	8.6	8.0	7.6	7.3	7.1	7.1
South . . . . .	55.0	62.8	75.4	81.4	85.4	86.9	30.7	30.9	33.3	34.2	34.4	34.5
South Atlantic . . . . .	26.0	30.7	37.0	40.2	43.6	44.4	14.5	15.1	16.3	16.9	17.5	17.6
East South Central . . . . .	12.1	12.8	14.7	15.0	15.2	15.3	6.7	6.3	6.5	6.3	6.1	6.1
West South Central . . . . .	17.0	19.3	23.7	26.3	26.7	27.1	9.5	9.5	10.5	11.1	10.7	10.8
West . . . . .	28.1	34.8	43.2	47.8	52.8	54.1	15.6	17.1	19.1	20.1	21.2	21.4
Mountain . . . . .	6.9	8.3	11.4	12.7	13.7	14.0	3.8	4.1	5.0	5.4	5.5	5.6
Pacific . . . . .	21.2	26.5	31.8	35.1	39.1	40.0	11.8	13.1	14.0	14.8	15.7	15.9

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; *1980 Census of Population*, vol. 1, chapter A (PC80-1-A); and press releases, CB91-289 and CB91-346.

## No. 24. Resident Population, by Region, Race, and Hispanic Origin: 1990

[As of April 1. For composition of regions, see table 25]

RACE AND HISPANIC ORIGIN	POPULATION (1,000)					PERCENT DISTRIBUTION				
	United States	North-east	Midwest	South	West	United States	North-east	Midwest	South	West
Total . . . . .	248,710	50,809	59,689	85,446	52,786	100.0	20.4	24.0	34.4	21.2
White . . . . .	199,686	42,069	52,018	65,582	40,017	100.0	21.1	26.0	32.8	20.0
Black . . . . .	29,986	5,613	5,716	15,829	2,828	100.0	18.7	19.1	52.8	9.4
American Indian, Eskimo, Aleut . . . . .	1,959	125	338	563	933	100.0	6.4	17.2	28.7	47.6
American Indian . . . . .	1,878	122	334	557	866	100.0	6.5	17.8	29.7	46.1
Eskimo . . . . .	57	2	2	3	51	100.0	2.9	3.5	4.9	88.8
Aleut . . . . .	24	2	2	3	17	100.0	8.1	8.1	11.5	72.3
Asian or Pacific Islander <sup>1</sup> . . . . .	7,274	1,335	768	1,122	4,048	100.0	18.4	10.6	15.4	55.7
Chinese . . . . .	1,645	445	133	204	863	100.0	27.0	8.1	12.4	52.4
Filipino . . . . .	1,407	143	113	159	991	100.0	10.2	8.1	11.3	70.5
Japanese . . . . .	848	74	63	67	643	100.0	8.8	7.5	7.9	75.9
Asian Indian . . . . .	815	285	146	196	189	100.0	35.0	17.9	24.0	23.1
Korean . . . . .	799	182	109	153	355	100.0	22.8	13.7	19.2	44.4
Vietnamese . . . . .	615	61	52	169	334	100.0	9.8	8.5	27.4	54.3
Laotian . . . . .	149	16	28	29	76	100.0	10.7	18.6	19.6	51.0
Cambodian . . . . .	147	30	13	19	85	100.0	20.5	8.8	13.1	57.7
Thai . . . . .	91	12	13	24	43	100.0	12.9	14.2	26.0	46.8
Hmong . . . . .	90	2	37	2	50	100.0	1.9	41.3	1.8	55.0
Pakistani . . . . .	81	28	15	22	17	100.0	34.3	18.9	26.5	20.4
Hawaiian . . . . .	211	4	6	12	189	100.0	2.0	2.6	5.8	89.6
Samoaan . . . . .	63	2	2	4	55	100.0	2.4	3.6	6.4	87.6
Guamanian . . . . .	49	4	3	8	34	100.0	7.3	6.4	16.8	69.5
Other races . . . . .	9,805	1,667	829	2,350	4,960	100.0	17.0	8.5	24.0	50.6
Hispanic origin <sup>2</sup> . . . . .	22,354	3,754	1,727	6,767	10,106	100.0	16.8	7.7	30.3	45.2
Mexican . . . . .	13,496	175	1,153	4,344	7,824	100.0	1.3	8.5	32.2	58.0
Puerto Rican . . . . .	2,728	1,872	258	406	192	100.0	68.6	9.4	14.9	7.0
Cuban . . . . .	1,044	184	37	735	88	100.0	17.6	3.5	70.5	8.5
Other Hispanic . . . . .	5,086	1,524	279	1,282	2,002	100.0	30.0	5.5	25.2	39.4
Not of Hispanic origin . . . . .	226,356	47,055	57,942	78,679	42,680	100.0	20.8	25.6	34.8	18.9

<sup>1</sup> Includes other Asian and Pacific Islander races not shown separately.

<sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, press release CB91-216.

## Population

## No. 25. Resident Population—

[As of July 1; except 1970, 1980, and 1990, as of April 1. Insofar as possible, population shown for all years is that of See *Historical Statistics, Colonial Times to 1970*, series A 172, for population by regions.

REGION, DIVISION, AND STATE	POPULATION (1,000)										
	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990	1991
	U.S. . . . .	203,302	226,546	233,806	235,847	237,950	240,162	242,321	244,534	246,820	248,710
Northeast . . . . .	49,061	49,135	49,540	49,723	49,874	50,077	50,308	50,591	50,757	50,809	50,976
N.E. . . . .	11,846	12,348	12,545	12,643	12,742	12,835	12,953	13,086	13,182	13,207	13,197
ME . . . . .	994	1,125	1,145	1,156	1,163	1,170	1,185	1,204	1,220	1,228	1,235
NH . . . . .	738	921	958	977	997	1,025	1,054	1,083	1,105	1,109	1,105
VT . . . . .	445	511	523	527	530	534	540	550	558	563	567
MA . . . . .	5,689	5,737	5,800	5,841	5,881	5,903	5,936	5,981	6,016	6,016	5,996
RI . . . . .	950	947	956	962	969	977	990	997	1,001	1,003	1,004
CT . . . . .	3,032	3,108	3,163	3,180	3,201	3,224	3,248	3,272	3,283	3,287	3,291
M.L.A. . . . .	37,213	36,787	36,995	37,080	37,132	37,243	37,375	37,505	37,575	37,602	37,779
NY . . . . .	18,241	17,558	17,888	17,747	17,794	17,836	17,871	17,944	17,983	17,990	18,058
NJ . . . . .	7,171	7,365	7,468	7,516	7,566	7,623	7,672	7,713	7,726	7,730	7,760
PA. . . . .	11,801	11,864	11,838	11,816	11,772	11,784	11,812	11,847	11,866	11,882	11,961
Midwest . . . . .	55,589	58,866	58,695	58,781	58,826	58,855	59,025	59,263	59,468	59,689	60,225
E.N.C. . . . .	40,262	41,682	41,369	41,397	41,423	41,460	41,595	41,727	41,873	42,009	42,414
OH . . . . .	10,657	10,798	10,738	10,739	10,736	10,732	10,762	10,800	10,829	10,847	10,939
IN . . . . .	5,195	5,490	5,451	5,459	5,480	5,455	5,474	5,493	5,524	5,544	5,610
IL . . . . .	11,110	11,427	11,410	11,413	11,401	11,389	11,393	11,392	11,410	11,431	11,543
MI . . . . .	8,882	9,262	9,048	9,050	9,077	9,129	9,189	9,219	9,253	9,295	9,368
WI . . . . .	4,418	4,706	4,722	4,736	4,748	4,756	4,779	4,823	4,857	4,892	4,955
W.N.C. . . . .	16,327	17,183	17,326	17,384	17,404	17,395	17,430	17,536	17,595	17,660	17,811
MN . . . . .	3,806	4,076	4,142	4,158	4,185	4,206	4,236	4,297	4,338	4,375	4,432
IA . . . . .	2,825	2,914	2,871	2,859	2,830	2,792	2,767	2,769	2,771	2,777	2,795
MO . . . . .	4,678	4,917	4,944	4,976	5,001	5,024	5,057	5,082	5,117	5,158	5,158
ND . . . . .	618	653	677	681	677	670	661	655	646	639	635
SD . . . . .	666	691	693	697	698	696	696	698	697	696	703
NE . . . . .	1,485	1,570	1,584	1,589	1,585	1,575	1,567	1,572	1,575	1,578	1,593
KS . . . . .	2,249	2,364	2,416	2,424	2,428	2,433	2,446	2,462	2,473	2,478	2,495
South . . . . .	62,812	75,372	79,454	80,425	81,418	82,438	83,219	83,903	84,700	85,446	86,916
S.A. . . . .	30,678	36,959	38,853	39,496	40,163	40,868	41,625	42,324	43,008	43,587	44,421
DE . . . . .	548	594	605	612	618	628	637	648	658	666	680
MD . . . . .	3,924	4,217	4,314	4,366	4,414	4,488	4,566	4,659	4,727	4,781	4,860
DC . . . . .	757	638	632	633	635	638	637	631	624	607	598
VA . . . . .	4,651	5,347	5,565	5,644	5,716	5,812	5,933	6,038	6,120	6,187	6,266
WV . . . . .	1,744	1,950	1,945	1,928	1,907	1,883	1,858	1,830	1,807	1,793	1,801
NC . . . . .	5,084	5,882	6,077	6,165	6,255	6,322	6,405	6,482	6,565	6,629	6,737
SC . . . . .	2,591	3,122	3,234	3,272	3,304	3,343	3,381	3,413	3,457	3,487	3,560
GA . . . . .	4,588	5,463	5,729	5,835	5,963	6,085	6,209	6,317	6,411	6,478	6,623
FL . . . . .	6,791	9,746	10,751	11,041	11,352	11,669	11,998	12,308	12,638	12,938	13,277
E.S.C. . . . .	12,808	14,666	14,857	14,913	14,972	15,014	15,072	15,109	15,136	15,176	15,347
KY . . . . .	3,221	3,661	3,695	3,695	3,695	3,688	3,684	3,681	3,677	3,685	3,713
TN . . . . .	3,926	4,591	4,660	4,687	4,716	4,739	4,784	4,823	4,854	4,877	4,953
AL . . . . .	3,444	3,894	3,934	3,952	3,973	3,992	4,016	4,024	4,030	4,041	4,089
MS . . . . .	2,217	2,521	2,568	2,578	2,588	2,594	2,589	2,581	2,574	2,573	2,592
W.S.C. . . . .	19,326	23,747	25,745	26,015	26,282	26,556	26,622	26,469	26,556	26,703	27,148
AR . . . . .	1,923	2,286	2,306	2,320	2,327	2,332	2,343	2,343	2,346	2,351	2,372
LA . . . . .	3,645	4,206	4,396	4,401	4,409	4,407	4,435	4,289	4,253	4,220	4,252
OK . . . . .	2,559	3,025	3,291	3,286	3,272	3,253	3,211	3,168	3,150	3,146	3,175
TX . . . . .	11,199	14,229	15,753	16,009	16,275	16,563	16,824	16,869	16,807	16,987	17,349
West . . . . .	34,838	43,172	46,117	46,918	47,832	48,792	49,768	50,778	51,995	52,786	54,060
Mt . . . . .	8,289	11,373	12,301	12,519	12,742	12,953	13,146	13,305	13,498	13,659	14,035
MT . . . . .	694	787	814	821	822	814	805	800	799	808	808
ID . . . . .	713	944	982	991	994	990	985	986	994	1,007	1,039
WY . . . . .	332	470	510	505	500	496	477	465	458	454	460
CO . . . . .	2,210	2,890	3,134	3,170	3,209	3,238	3,261	3,263	3,276	3,294	3,377
NM . . . . .	1,017	1,303	1,394	1,417	1,439	1,463	1,479	1,491	1,504	1,515	1,548
AZ . . . . .	1,775	2,718	2,969	3,067	3,184	3,309	3,438	3,536	3,622	3,665	3,750
UT . . . . .	1,059	1,461	1,595	1,622	1,643	1,663	1,678	1,690	1,706	1,723	1,770
NV . . . . .	489	800	902	925	951	981	1,024	1,075	1,137	1,202	1,294
Pac . . . . .	26,549	31,800	33,817	34,399	35,090	35,839	36,622	37,473	38,397	39,127	40,025
WA . . . . .	3,413	4,132	4,301	4,344	4,401	4,453	4,533	4,641	4,746	4,867	5,018
OR . . . . .	2,092	2,633	2,653	2,667	2,673	2,684	2,701	2,742	2,791	2,842	2,922
CA . . . . .	19,971	23,668	25,362	25,847	26,444	27,106	27,781	28,468	29,218	29,760	30,380
AK . . . . .	303	402	488	514	533	544	539	542	547	550	570
HI . . . . .	770	965	1,013	1,028	1,040	1,052	1,068	1,080	1,095	1,108	1,135

X Not applicable. <sup>1</sup> Persons per square mile were calculated on the basis of land area data from the 1990 census.

# Geographic Distribution

23

## States: 1970 to 1991

present area of State; for area figures of States, see table 340. Minus sign (-) indicates decrease.  
and A 195-198 for population and density, by States]

RANK				PERCENT CHANGE			POPULATION PER SQ. MILE OF LAND AREA				REGION, DIVISION, AND STATE
1970	1980	1990	1991	1970- 80	1980- 90	1990- 91	1970	1980	1990	1991	
(X)	(X)	(X)	(X)	11.4	9.8	1.4	57.5	64.1	70.3	71.3	U.S.
(X)	(X)	(X)	(X)	0.2	3.4	0.3	302.3	302.8	313.1	314.1	Northeast
(X)	(X)	(X)	(X)	4.2	7.0	-0.1	188.6	196.6	210.3	210.1	N.E.
38	38	39	39	13.2	9.2	0.5	32.2	36.4	39.8	40.0	ME
41	42	40	41	24.8	20.5	-0.4	82.2	102.6	123.7	123.2	NH
48	48	48	49	15.0	10.0	0.7	48.1	55.3	60.8	61.3	VT
10	11	13	13	0.8	4.9	-0.3	725.8	732.0	767.6	765.0	MA
39	40	43	43	-0.3	5.9	0.1	908.8	906.4	980.3	981.1	RI
24	25	27	27	2.5	5.8	0.1	625.8	641.3	678.4	679.2	CT
(X)	(X)	(X)	(X)	-1.1	2.2	0.5	374.1	369.9	378.1	379.8	M.A.
2	2	2	2	-9.7	2.5	0.4	386.3	371.8	381.0	382.4	NY
8	9	9	9	2.7	5.0	0.4	966.6	992.7	1,042.0	1,046.0	NJ
3	4	5	5	0.5	0.1	0.7	263.3	264.7	265.1	266.9	PA
(X)	(X)	(X)	(X)	4.0	1.4	0.9	75.3	78.3	79.4	80.1	Midwest
(X)	(X)	(X)	(X)	3.5	0.8	1.0	165.3	171.2	172.5	174.2	E.N.C.
6	6	7	7	1.3	0.5	0.8	260.2	263.7	264.9	267.1	OH
11	12	14	14	5.7	1.0	1.2	144.8	153.1	154.6	156.4	IN
5	5	6	6	2.8	(Z)	1.0	199.8	205.5	205.6	207.6	IL
7	8	8	8	4.3	0.4	0.8	156.3	163.0	163.6	164.9	MI
16	16	17	17	6.5	4.0	1.3	81.3	86.6	90.1	91.2	WI
(X)	(X)	(X)	(X)	5.2	2.8	0.9	32.1	33.8	34.8	35.1	W.I.N.C.
19	21	20	20	7.1	7.3	1.3	47.8	51.2	55.0	55.7	MN
25	27	30	30	3.1	-4.7	0.7	50.6	52.1	49.7	50.0	IA
13	15	15	15	5.1	4.1	0.8	67.9	71.4	74.3	74.9	MO
45	46	47	47	5.7	-2.1	-0.7	9.0	9.5	9.3	9.2	ND
44	45	45	45	3.7	0.8	1.0	8.8	9.1	9.2	9.3	SD
35	35	36	36	5.7	0.5	0.9	19.3	20.4	20.5	20.7	NE
28	32	32	32	5.1	4.8	0.7	27.5	28.9	30.3	30.5	KS
(X)	(X)	(X)	(X)	20.0	13.4	1.7	72.1	86.5	98.1	99.8	South
(X)	(X)	(X)	(X)	20.5	17.9	2.0	115.2	138.8	163.6	166.9	S.A.
46	47	46	46	8.4	12.1	2.1	280.4	304.1	340.8	347.9	DE
18	18	19	19	7.5	13.4	1.6	401.4	431.4	489.2	497.2	MD
(X)	(X)	(X)	(X)	-15.6	-4.9	-1.4	12,321.6	10,394.6	9,882.8	9,742.9	DC
14	14	12	12	14.9	15.7	1.6	117.5	135.0	156.3	158.7	VA
34	34	34	34	11.8	-8.0	0.4	72.4	80.9	74.5	74.8	W.V.
12	10	10	10	15.7	12.7	1.6	104.4	120.7	136.1	138.3	NC
26	24	25	25	20.5	11.7	2.1	86.0	103.7	115.8	118.2	SC
15	13	11	11	19.1	18.6	2.2	79.2	94.3	111.9	114.3	GA
9	7	4	4	43.5	32.7	2.6	125.8	180.5	239.6	245.9	FL
(X)	(X)	(X)	(X)	14.5	3.5	1.1	71.7	82.1	85.0	85.9	E.S.C.
23	23	24	24	13.7	0.7	0.8	81.1	92.1	92.8	93.5	KY
17	17	18	18	16.9	6.2	1.5	95.2	111.4	118.3	120.2	TN
21	22	22	22	13.1	3.8	1.2	67.9	76.7	79.6	80.6	AL
29	31	31	31	13.7	2.1	0.7	47.3	53.7	54.9	55.3	MS
(X)	(X)	(X)	(X)	22.9	12.4	1.7	45.3	55.7	62.6	63.7	W.S.C.
32	33	33	33	18.9	2.8	0.9	36.9	43.9	45.1	45.5	AR
20	19	21	21	15.4	0.3	0.7	83.7	96.5	96.9	97.6	LA
27	26	28	28	18.2	4.0	0.9	37.3	44.0	45.8	46.2	OK
4	3	3	3	27.1	19.4	2.1	42.8	54.3	64.9	66.2	TX
(X)	(X)	(X)	(X)	23.9	22.3	2.4	18.9	24.6	30.1	30.9	West
(X)	(X)	(X)	(X)	37.2	20.1	2.8	9.7	13.3	16.0	16.4	Mt
43	44	44	44	13.3	1.6	1.2	4.8	5.4	5.5	5.6	MT
42	41	42	42	32.4	6.7	3.2	8.6	11.4	12.2	12.6	ID
49	49	50	50	41.3	-3.4	1.3	3.4	4.8	4.7	4.7	WY
30	28	26	26	30.8	14.0	2.5	21.3	27.9	31.8	32.6	CO
37	37	37	37	28.1	16.3	2.2	8.4	10.7	12.5	12.8	NM
33	29	24	23	53.1	34.8	2.3	15.6	23.9	32.3	33.0	AZ
36	36	35	35	37.9	17.9	2.7	12.9	17.8	21.0	21.5	UT
47	43	39	38	63.8	50.1	6.8	4.5	7.3	10.9	11.7	NV
(X)	(X)	(X)	(X)	19.8	23.0	2.3	29.7	35.5	43.7	44.7	Pac
22	20	18	16	21.1	17.8	3.1	51.3	62.1	73.1	75.4	WA
31	30	29	29	25.9	7.9	2.8	21.8	27.4	29.6	30.4	OR
1	1	1	1	18.5	25.7	2.1	128.0	151.7	190.8	194.8	CA
50	50	49	48	32.8	36.9	3.7	0.5	0.7	1.0	1.0	AK
40	39	41	40	25.3	14.9	2.4	118.9	150.2	172.5	176.7	HI

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *1980 Census of Population*, vol. 1, chapter A (PC80-1-A) and chapter B (PC80-1-B); and press releases CB91-289 and CB91-346.

## Population

## No. 26. Resident Population, by Race

[In thousands.]

REGION, DIVISION, AND STATE	Total <sup>1</sup>	White	Black	AMERICAN INDIAN, ESKIMO, ALEUT				ASIAN, PACIFIC ISLANDER			
				Total	Amer- ican Indian	Eskimo	Aleut	Total <sup>2</sup>	Chinese	Filipino	Japan- ese
U.S. . . . .	248,710	199,686	29,996	1,959	1,878	57	24	7,274	1,645	1,407	848
Northeast . . . . .	50,809	42,069	5,613	125	122	2	2	1,335	445	143	74
N.E. . . . .	13,207	12,033	628	33	32	(Z)	(Z)	232	72	15	15
ME . . . . .	1,228	1,208	5	6	6	(Z)	(Z)	7	1	1	1
NH . . . . .	1,109	1,087	7	2	2	(Z)	(Z)	9	2	1	1
VT . . . . .	563	555	2	2	2	(Z)	(Z)	3	1	(Z)	(Z)
MA . . . . .	6,016	5,405	300	12	12	(Z)	(Z)	143	54	6	9
RI . . . . .	1,003	917	39	4	4	(Z)	(Z)	18	3	2	1
CT . . . . .	3,287	2,859	274	7	6	(Z)	(Z)	51	11	5	4
M.A. . . . .	37,802	30,036	4,986	92	90	1	2	1,104	373	128	59
NY . . . . .	17,990	13,385	2,859	63	61	1	1	694	284	62	35
NJ . . . . .	7,730	6,130	1,037	15	15	(Z)	(Z)	273	59	53	17
PA . . . . .	11,882	10,520	1,090	15	14	(Z)	(Z)	137	30	12	7
Midwest . . . . .	59,869	52,018	5,716	338	334	2	2	768	133	113	63
E.N.C. . . . .	42,009	35,764	4,817	150	147	1	1	573	103	97	50
OH . . . . .	10,847	9,522	1,155	20	20	(Z)	(Z)	91	19	10	10
IN . . . . .	5,544	5,021	432	13	12	(Z)	(Z)	38	7	5	5
IL . . . . .	11,431	8,953	1,694	22	21	(Z)	(Z)	285	50	64	22
MI . . . . .	9,295	7,756	1,292	56	55	(Z)	(Z)	105	19	14	11
WI . . . . .	4,892	4,513	245	39	39	(Z)	(Z)	54	7	4	3
W.N.C. . . . .	17,860	16,254	899	188	187	1	1	195	30	17	13
MN . . . . .	4,375	4,130	95	50	49	(Z)	(Z)	78	9	4	4
IA . . . . .	2,777	2,683	48	7	7	(Z)	(Z)	25	4	2	2
MO . . . . .	5,117	4,486	548	20	20	(Z)	(Z)	41	9	6	3
ND . . . . .	639	604	4	26	26	(Z)	(Z)	3	1	(Z)	(Z)
SD . . . . .	696	638	3	51	51	(Z)	(Z)	3	(Z)	1	1
NE . . . . .	1,578	1,481	57	12	12	(Z)	(Z)	12	2	1	2
KS . . . . .	2,478	2,232	143	22	22	(Z)	(Z)	32	5	3	2
South . . . . .	85,446	65,582	15,829	563	557	3	3	1,122	204	159	67
S.A. . . . .	43,587	33,391	8,924	172	170	1	1	631	114	108	39
DE . . . . .	666	535	112	2	2	(Z)	(Z)	9	2	1	1
MD . . . . .	4,781	3,394	1,190	13	13	(Z)	(Z)	140	31	19	7
DC . . . . .	607	180	400	1	1	(Z)	(Z)	11	3	2	1
VA . . . . .	6,187	4,792	1,163	15	15	(Z)	(Z)	159	21	35	8
WV . . . . .	1,793	1,726	56	2	2	(Z)	(Z)	7	1	2	1
NC . . . . .	6,629	5,008	1,456	80	80	(Z)	(Z)	52	9	5	5
SC . . . . .	3,487	2,407	1,040	8	8	(Z)	(Z)	22	3	6	2
GA . . . . .	6,478	4,600	1,747	13	13	(Z)	(Z)	76	13	6	6
FL . . . . .	12,938	10,749	1,760	36	35	(Z)	(Z)	154	31	32	9
E.S.C. . . . .	15,176	12,049	2,977	41	40	(Z)	(Z)	84	15	9	9
KY . . . . .	3,685	3,392	263	6	6	(Z)	(Z)	18	3	2	3
TN . . . . .	4,877	4,048	778	10	10	(Z)	(Z)	32	6	3	3
AL . . . . .	4,041	2,976	1,021	17	16	(Z)	(Z)	22	4	2	2
MS . . . . .	2,573	1,633	915	9	8	(Z)	(Z)	13	3	2	1
W.S.C. . . . .	26,703	20,142	3,929	350	347	1	1	407	76	43	20
AR . . . . .	2,351	1,945	374	13	13	(Z)	(Z)	13	2	2	1
LA . . . . .	4,220	2,839	1,299	19	18	(Z)	(Z)	41	5	4	2
OK . . . . .	3,146	2,584	234	252	252	(Z)	(Z)	34	5	3	2
TX . . . . .	16,987	12,775	2,022	66	64	1	1	319	63	34	15
West . . . . .	52,786	40,017	2,828	933	866	51	17	4,046	863	991	643
Mt . . . . .	13,859	11,782	374	481	478	1	1	217	40	32	34
MT . . . . .	799	741	2	48	48	(Z)	(Z)	4	1	1	1
ID . . . . .	1,007	950	3	14	14	(Z)	(Z)	9	1	1	3
WY . . . . .	454	427	4	9	9	(Z)	(Z)	3	1	(Z)	1
CO . . . . .	3,294	2,905	133	28	27	(Z)	(Z)	60	9	5	11
NM . . . . .	1,515	1,146	30	134	134	(Z)	(Z)	14	3	2	2
AZ . . . . .	3,665	2,963	111	204	203	(Z)	(Z)	55	14	8	6
UT . . . . .	1,723	1,616	12	24	24	(Z)	(Z)	33	5	2	7
NV . . . . .	1,202	1,013	79	20	19	(Z)	(Z)	38	7	12	4
Pac . . . . .	39,127	28,255	2,454	453	387	48	16	3,831	823	960	609
WA . . . . .	4,867	4,309	150	81	78	2	2	211	34	44	34
OR . . . . .	2,842	2,637	46	38	37	1	1	69	34	7	12
CA . . . . .	29,760	20,524	2,209	242	236	3	4	2,846	705	732	313
AK . . . . .	550	415	22	86	31	44	10	20	1	8	2
HI . . . . .	1,108	370	27	5	5	(Z)	(Z)	685	69	169	247

Z Less than 500. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Includes other Asian and Pacific Islander races not shown separately.

# State Racial and Hispanic Populations

25

## and Hispanic Origin—States: 1990

As of April 1]

ASIAN, PACIFIC ISLANDER-Con.							HISPANIC ORIGIN <sup>3</sup>					REGION, DIVISION, AND STATE
Asian Indian	Korean	Vietnam-ese	Hawaiian	Samoan	Guama-nian	Total	Mexican	Puerto Rican	Cuban	Other Hispanic		
815	799	615	211	63	49	22,354	13,496	2,728	1,044	5,086		U.S.
265	182	61	4	2	4	3,754	175	1,872	184	1,524	Northeast	
36	21	22	1	(Z)	1	568	29	316	16	207	N.E.	
1	1	1	(Z)	(Z)	(Z)	7	2	1	(Z)	3	ME	
2	2	1	(Z)	(Z)	(Z)	11	2	3	1	5	NH	
1	1	(Z)	(Z)	(Z)	(Z)	4	1	1	(Z)	2	VT	
20	12	15	1	(Z)	(Z)	288	13	151	8	116	MA	
2	1	1	(Z)	(Z)	(Z)	46	2	13	1	29	RI	
12	5	4	(Z)	(Z)	(Z)	213	8	147	6	51	CT	
249	161	39	3	1	3	3,186	146	1,556	167	1,317	M.A.	
141	96	16	1	1	2	2,214	93	1,087	74	960	NY	
79	39	7	1	(Z)	1	740	29	320	85	306	NJ	
28	27	16	1	(Z)	(Z)	232	24	149	7	52	PA	
146	109	52	6	2	3	1,727	1,153	258	37	279	Midwest	
123	80	26	3	1	2	1,438	944	244	30	220	E.N.C.	
21	11	5	1	(Z)	(Z)	140	58	48	4	32	OH	
7	5	2	1	(Z)	(Z)	99	67	14	2	16	IN	
64	42	10	1	(Z)	1	904	624	146	18	116	IL	
24	16	6	1	(Z)	(Z)	202	138	19	5	40	MI	
7	6	2	(Z)	(Z)	(Z)	93	58	19	2	15	WI	
23	29	26	2	1	1	289	209	14	6	60	W.N.C.	
8	12	9	(Z)	(Z)	(Z)	54	35	3	2	14	MN	
3	5	3	(Z)	(Z)	(Z)	33	24	1	(Z)	7	IA	
6	6	4	1	1	(Z)	62	38	4	2	17	MO	
(Z)	1	(Z)	(Z)	(Z)	(Z)	5	3	(Z)	(Z)	1	ND	
(Z)	1	(Z)	(Z)	(Z)	(Z)	5	3	(Z)	(Z)	1	SD	
1	2	2	(Z)	(Z)	(Z)	37	30	1	(Z)	6	NE	
4	4	7	(Z)	(Z)	(Z)	94	76	4	1	13	KS	
198	153	169	12	4	8	5,767	4,344	406	735	1,282	South	
114	101	62	7	2	5	2,133	315	338	702	778	S.A.	
2	1	(Z)	(Z)	(Z)	(Z)	16	3	8	1	4	DE	
28	30	9	1	(Z)	1	125	18	18	6	83	MD	
2	1	1	(Z)	(Z)	(Z)	33	3	2	1	26	DC	
20	30	21	1	(Z)	1	160	33	24	6	97	VA	
2	1	(Z)	(Z)	(Z)	(Z)	8	3	1	(Z)	5	WV	
10	7	5	1	(Z)	(Z)	77	33	15	4	26	NC	
4	3	2	(Z)	(Z)	(Z)	31	11	6	2	11	SC	
14	15	8	1	(Z)	1	109	49	17	8	34	GA	
31	12	16	2	1	1	1,574	161	247	674	492	FL	
15	12	10	1	(Z)	1	95	39	13	5	39	E.S.C.	
3	3	2	(Z)	(Z)	(Z)	22	9	4	1	9	KY	
6	5	2	1	(Z)	(Z)	33	14	4	2	13	TN	
4	3	2	(Z)	(Z)	(Z)	25	10	4	1	10	AL	
2	1	4	(Z)	(Z)	(Z)	16	7	1	(Z)	7	MS	
67	40	97	4	1	3	4,539	3,990	55	28	466	W.S.C.	
1	1	2	(Z)	(Z)	(Z)	20	12	1	(Z)	6	AR	
5	3	18	(Z)	(Z)	(Z)	93	23	6	9	55	LA	
5	5	7	1	(Z)	(Z)	86	63	5	1	17	OK	
56	32	70	3	1	2	4,340	3,891	43	18	386	TX	
189	355	334	189	55	34	10,106	7,824	192	88	2,002	West	
15	28	20	7	3	2	1,992	1,440	26	12	514	Mt	
(Z)	1	(Z)	(Z)	(Z)	(Z)	12	8	(Z)	(Z)	3	MT	
(Z)	1	1	(Z)	(Z)	(Z)	53	43	1	(Z)	9	ID	
(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	26	19	(Z)	(Z)	7	WY	
4	11	7	1	(Z)	1	424	282	7	2	133	CO	
2	1	1	(Z)	(Z)	(Z)	579	329	3	1	247	NM	
6	6	5	2	(Z)	1	688	616	8	2	62	AZ	
2	3	3	1	2	(Z)	85	57	2	(Z)	25	UT	
2	4	2	2	(Z)	(Z)	124	85	4	6	29	NV	
173	327	314	182	52	32	8,114	6,384	166	76	1,488	Pac	
8	30	19	5	4	4	215	156	9	2	47	WA	
4	9	9	2	1	1	113	86	3	1	23	OR	
160	260	280	34	32	25	7,688	6,119	126	72	1,371	CA	
(Z)	4	1	1	1	(Z)	18	9	2	(Z)	6	AK	
1	24	5	139	15	2	81	14	26	1	41	HI	

<sup>3</sup> Persons of Hispanic origin may be of any race.

U.S. Bureau of the Census, press release CB91-215.

## Population

## No. 27. Resident Population, by Age and State: 1991

[In thousands, except percent. As of July 1. Includes Armed Forces stationed in area. See text, section 1 for basis of estimates. For explanation of methodology, contact source. See *Historical Statistics, Colonial Times to 1970*, series A 204-209 for decennial census data.]

REGION, DIVISION, AND STATE	Total	Under 5 years	5 to 17 years	18 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 to 74 years	75 to 84 years	85 years and over	16 years and over	Per- cent 65 years and over
U.S. . . .	252,177	19,222	45,923	26,385	42,876	39,273	25,739	21,005	18,280	10,314	3,160	193,754	12.6
Northeast . . .	50,976	3,672	8,470	5,252	8,636	7,962	5,381	4,560	4,027	2,287	719	40,101	13.8
N.E. . . .	13,197	951	2,153	1,410	2,313	2,104	1,366	1,112	1,004	587	197	10,409	13.6
ME . . . .	1,235	86	224	123	200	201	127	107	93	55	19	957	13.4
NH . . . .	1,105	85	195	112	197	188	114	86	73	41	14	852	11.6
VT . . . .	567	42	103	63	92	96	59	45	37	22	8	436	11.9
MA . . . .	5,996	431	943	669	1,083	940	606	500	459	272	93	4,761	13.7
RI . . . .	1,004	70	160	116	170	153	98	86	86	50	16	798	15.1
CT . . . .	3,291	237	527	327	571	526	362	289	256	147	48	2,605	13.7
M.A. . . .	37,779	2,721	6,317	3,842	6,323	5,858	4,016	3,448	3,023	1,711	522	29,692	13.9
NY . . . .	18,058	1,340	3,026	1,884	3,108	2,801	1,931	1,612	1,337	771	248	14,146	13.1
NJ . . . .	7,760	565	1,277	747	1,337	1,234	854	705	610	334	97	6,113	13.4
PA . . . .	11,951	816	2,014	1,211	1,879	1,823	1,231	1,131	1,077	605	176	9,433	15.5
Midwest . . . .	60,225	4,487	11,327	6,202	9,895	9,248	6,103	5,106	4,415	2,584	858	46,061	13.0
E.N.C. . . .	42,414	3,187	7,910	4,430	7,011	6,555	4,350	3,614	3,087	1,742	550	32,507	12.7
OH . . . .	10,939	795	2,023	1,129	1,768	1,690	1,130	969	837	454	141	8,421	13.1
IN . . . .	5,610	406	1,059	609	906	859	582	480	407	228	73	4,305	12.6
IL . . . .	11,543	887	2,111	1,193	1,977	1,777	1,184	987	821	478	150	8,855	12.5
MI . . . .	9,368	717	1,767	994	1,546	1,466	963	794	662	357	110	7,147	12.1
WI . . . .	4,955	362	949	505	813	763	490	413	360	225	76	3,779	13.3
W.N.C. . . .	17,811	1,320	3,417	1,772	2,884	2,683	1,754	1,493	1,328	843	307	13,564	13.9
MN . . . .	4,432	338	851	433	768	702	440	344	297	188	70	3,359	12.5
IA . . . .	2,795	183	532	283	419	413	276	247	228	147	56	2,146	15.4
MO . . . .	5,158	378	962	511	836	765	528	451	397	245	83	3,956	14.1
ND . . . .	635	46	127	67	100	94	57	52	47	33	11	479	14.5
SD . . . .	703	54	146	69	107	101	63	59	55	35	14	523	14.7
NE . . . .	1,593	120	315	156	251	240	151	134	118	77	30	1,202	14.1
KS . . . .	2,495	190	482	252	403	378	238	205	186	117	43	1,889	13.9
South . . . .	86,916	6,526	15,978	9,250	14,661	13,356	8,904	7,300	6,356	3,557	1,029	66,800	12.6
S.A. . . .	44,421	3,231	7,588	4,654	7,567	6,904	4,649	3,851	3,510	1,929	536	34,738	13.5
DE . . . .	680	51	117	75	120	104	70	60	51	25	7	528	12.2
MD . . . .	4,860	377	824	487	898	810	537	398	320	162	48	3,775	10.9
DC . . . .	598	43	78	76	120	95	61	49	44	26	8	488	12.8
VA . . . .	6,286	461	1,078	704	1,139	1,033	684	505	409	211	62	4,907	10.9
WV . . . .	1,801	106	331	187	256	282	193	174	156	89	26	1,418	15.1
NC . . . .	6,737	485	1,158	776	1,140	1,050	713	589	492	261	73	5,274	12.3
SC . . . .	3,560	270	668	411	594	549	366	295	251	124	32	2,724	11.4
GA . . . .	6,623	523	1,252	736	1,181	1,065	692	506	393	215	60	5,036	10.1
FL . . . .	13,277	915	2,083	1,202	2,120	1,916	1,333	1,276	1,395	817	221	10,587	18.3
E.S.C. . . .	15,347	1,099	2,912	1,677	2,450	2,322	1,800	1,335	1,114	647	192	11,769	12.7
KY . . . .	3,713	256	703	401	602	571	389	321	270	154	47	2,863	12.7
TN . . . .	4,953	346	884	530	812	776	538	437	362	207	61	3,860	12.7
AL . . . .	4,089	295	776	447	644	610	425	363	303	176	50	3,140	12.9
MS . . . .	2,592	202	549	299	393	364	249	213	180	110	33	1,925	12.4
W.S.C. . . .	27,148	2,196	5,478	2,920	4,643	4,130	2,654	2,114	1,731	981	301	20,272	11.1
AR . . . .	2,372	170	456	241	354	340	246	212	196	121	36	1,816	14.9
LA . . . .	4,252	339	894	465	697	634	411	338	277	153	45	3,146	11.2
OK . . . .	3,175	230	615	326	500	473	326	275	238	144	47	2,420	13.5
TX . . . .	17,349	1,457	3,512	1,888	3,091	2,684	1,671	1,289	1,021	563	172	12,889	10.1
West . . . .	54,060	4,538	10,149	5,681	9,684	8,707	5,351	4,039	3,482	1,875	554	40,791	10.9
MT . . . .	14,035	1,149	2,844	1,430	2,356	2,217	1,378	1,000	941	500	139	10,440	11.3
MT . . . .	808	59	165	72	119	133	84	68	61	36	11	609	13.4
ID . . . .	1,039	82	236	103	152	160	102	79	71	42	12	755	12.0
WY . . . .	460	34	102	44	72	78	46	35	28	15	5	338	10.6
CO . . . .	3,377	258	625	338	607	602	351	255	200	106	34	2,580	10.1
NM . . . .	1,548	130	328	154	254	240	151	122	100	54	15	1,136	10.9
AZ . . . .	3,750	310	700	390	637	557	358	301	288	159	40	2,840	13.2
UT . . . .	1,770	174	468	208	278	238	142	107	91	50	14	1,181	8.8
NV . . . .	1,284	101	220	121	238	209	144	112	93	38	8	992	10.8
Pac . . . .	40,025	3,388	7,305	4,251	7,328	6,490	3,973	2,959	2,540	1,376	415	30,351	10.8
WA . . . .	5,018	383	932	489	859	856	526	383	341	190	58	3,832	11.8
OR . . . .	2,922	209	539	273	452	501	311	235	228	133	40	2,251	13.7
CA . . . .	30,380	2,651	5,512	3,312	5,704	4,835	2,965	2,214	1,874	1,009	305	22,988	10.5
AK . . . .	570	57	123	56	112	110	57	31	16	6	1	406	4.2
HI . . . .	1,135	89	199	120	201	187	114	94	81	38	11	875	11.4

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, forthcoming report.

**No. 28. Urban and Rural Population, Housing Units, and Land Area: 1970 to 1990**

[As of April 1. Total land area for the United States varies based on updated information and differences in measuring methods]

YEAR	Population (1,000)	Housing units (1,000)	Land area (1,000 sq. miles)	PERCENT DISTRIBUTION		
				Population	Housing units	Land area
1970, total.....	1,203,302	1,68,221	3,537	100.0	100.0	100.0
Urban.....	149,647	50,143	54	73.6	73.0	1.5
Rural.....	53,565	18,536	3,483	26.4	27.0	98.5
1980, total.....	1,226,542	1,88,411	3,539	100.0	100.0	100.0
Urban.....	167,051	64,939	74	73.7	73.5	2.1
Rural.....	59,495	23,472	3,465	26.3	26.5	97.9
1990, total.....	248,710	102,264	3,536	100.0	100.0	100.0
Urban.....	187,053	76,212	87	75.2	74.5	2.5
Rural.....	61,656	26,052	3,449	24.8	25.5	97.5

<sup>1</sup> Total population and housing counts have been revised since the 1970 and 1980 census publications. Urban and rural numbers have not been corrected.

Source: U.S. Bureau of the Census, press release CB91-334.

**No. 29. Urban and Rural Population—States: 1990**

[In thousands, except percent. As of April 1. Resident population]

REGION, DIVISION, AND STATE	Total	URBAN		Rural	REGION, DIVISION, AND STATE	Total	URBAN		Rural
		Number	Percent				Number	Percent	
U.S. ....	248,710	187,053	75.2	61,656	DC .....	607	607	100.0	-
Northeast....	50,809	40,092	78.9	10,717	VA .....	6,187	4,293	69.4	1,894
N.E. ....	13,207	9,829	74.4	3,378	WV .....	1,793	648	36.1	1,145
ME .....	1,228	548	44.6	680	NC .....	6,629	3,338	50.4	3,291
NH .....	1,109	566	51.0	544	SC .....	3,487	1,905	54.6	1,581
VT .....	563	181	32.2	382	GA .....	6,478	4,097	63.2	2,381
MA .....	6,016	5,070	84.3	947	FL .....	12,938	10,967	84.8	1,971
RI .....	1,003	863	88.0	140	E.S.C .....	15,176	8,531	56.2	6,646
CT .....	3,287	2,602	79.1	686	KY .....	3,685	1,910	51.8	1,775
M.A. ....	37,802	30,263	80.5	7,340	TN .....	4,877	2,970	60.9	1,907
NY .....	17,990	15,164	84.3	2,826	AL .....	4,041	2,440	60.4	1,601
NJ .....	7,730	6,910	89.4	820	MS .....	2,573	1,211	47.1	1,362
PA .....	11,882	8,188	68.9	3,693	W.S.C .....	26,703	19,894	74.5	6,808
Midwest....	59,669	42,774	71.7	16,894	AR .....	2,351	1,258	53.5	1,093
E.N.C....	42,009	31,074	74.0	10,935	LA .....	4,220	2,872	68.1	1,348
OH .....	10,847	8,039	74.1	2,808	OK .....	3,146	2,130	67.7	1,015
IN .....	5,544	3,598	64.9	1,946	TX .....	16,987	13,635	80.3	3,352
IL .....	11,431	9,669	84.6	1,762	West .....	52,786	45,531	86.3	7,255
MI .....	9,295	6,556	70.5	2,739	Mt .....	13,659	10,881	79.7	2,777
WI .....	4,892	3,212	65.7	1,680	MT .....	799	420	52.5	379
W.N.C....	17,660	11,700	66.3	5,959	ID .....	1,007	578	57.4	429
MN .....	4,375	3,056	69.9	1,319	WY .....	454	295	65.0	159
IA .....	2,777	1,683	60.6	1,094	CO .....	3,294	2,716	82.4	579
MO .....	5,117	3,516	68.7	1,601	NM .....	1,515	1,106	73.0	409
ND .....	639	340	53.3	298	AZ .....	3,665	3,207	87.5	458
SD .....	696	348	50.0	348	UT .....	1,723	1,499	87.0	224
NE .....	1,578	1,044	66.1	534	NV .....	1,202	1,061	88.3	140
KS .....	2,478	1,713	69.1	765	Pac .....	39,127	34,850	88.6	4,477
South....	85,446	58,656	68.6	26,790	WA .....	4,867	3,718	76.4	1,149
S.A. ....	43,587	30,231	69.4	13,336	OR .....	2,842	2,003	70.5	839
DE .....	666	487	73.0	180	CA .....	29,760	27,571	92.6	2,189
MD .....	4,781	3,888	81.3	893	AK .....	550	371	67.5	179
					HI .....	1,108	986	89.0	122

\* Represents zero.

Source: U.S. Bureau of the Census, press release CB91-334.

## Population

**No. 30. Metropolitan and Nonmetropolitan Area Population: 1960 to 1990**

[Metropolitan areas are as defined by U. S. Office of Management and Budget as of year shown, except as noted.  
See headnote, table 31]

ITEM	1960	1970	1980 <sup>1</sup> (SMSA's)	MSA's AND CMSA's <sup>2</sup>	
				1980	1990
Metropolitan areas: Number of areas . . . . .	212	243	318	284	284
Population (1,000) . . . . .	112,885	139,480	169,431	172,678	192,726
Percent change over previous year shown . . .	33.0	23.6	21.5	(X)	11.6
Percent of total U.S. population . . . . .	63.0	68.6	74.8	76.2	77.5
Land area, percent of U.S. land area . . . . .	8.7	10.9	16.0	16.4	16.4
Nonmetropolitan areas, population (1,000) . . .	66,438	63,822	57,115	53,864	55,984

X Not applicable. <sup>1</sup> SMSA = standard metropolitan statistical area. Areas are as defined June 30, 1981. <sup>2</sup> Areas are as defined June 30, 1990. <sup>3</sup> Percent change from 1950.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960 and 1970; 1980 Census of Population*, vol. 1, chapter A (PC80-1-A) and *Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); and press release CB91-66.

**No. 31. Number and Population of Metropolitan Areas, by Population Size-Class in 1990: 1970 to 1990**

[As of April 1. Data exclude Puerto Rico. CMSA = consolidated metropolitan statistical area. MSA = metropolitan statistical area. PMSA = primary metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1990. For definitions, see Appendix II. See also *Historical Statistics, Colonial Times to 1970*, series A 264-275]

LEVEL AND POPULATION SIZE-CLASS OF METROPOLITAN AREA IN 1990	CMSA's AND MSA's				MSA's AND PMSA's		
	Num- ber, 1990	Popu- lation, 1970 (mil.)	Popu- lation, 1980 (mil.)	Population, 1990	Population, 1990		Num- ber, 1990
					Total (mil.)	Per- cent in each class	
<b>Total, all metropolitan areas . . .</b>	<b>284</b>	<b>156.1</b>	<b>172.7</b>	<b>192.7</b>	<b>100</b>	<b>335</b>	<b>192.7</b>
Level A (1,000,000 or more) . . . . .	39	103.0	111.3	124.8	65	46	109.2
2,500,000 or more . . . . .	14	71.2	75.7	84.5	44	12	53.4
1,000,000 to 2,499,999 . . . . .	25	31.8	35.6	40.2	21	34	55.7
Level B (250,000 to 999,999) . . . . .	95	35.8	41.4	46.4	24	120	58.7
500,000 to 999,999 . . . . .	34	19.0	22.0	24.9	13	45	32.4
250,000 to 499,999 . . . . .	61	16.8	19.4	21.5	11	75	26.3
Level C (100,000 to 249,999) . . . . .	125	15.5	17.8	19.4	10	142	22.5
Level D (less than 100,000) . . . . .	25	1.9	2.1	2.1	1	27	2.3

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); and press release CB91-66.

**No. 32. Resident Population in Counties Within 50 Miles of Coastal Shorelines: 1960 to 1990**

[Enumerated population as of April 1. Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

YEAR	Conter- minous U.S., total	COUNTIES IN COASTAL REGIONS					Balance of conter- minous U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1980 (1,000 sq. mi.) . . . . .	2,962	467	122	118	134	94	2,495
POPULATION							
1960 (mil.) . . . . .	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 (mil.) . . . . .	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1980 (mil.) . . . . .	225.2	118.4	50.7	26.4	29.8	12.6	106.7
1990 (mil.) . . . . .	247.2	132.1	55.9	31.5	29.9	14.8	115.1
1960 (percent) . . . . .	100	52	23	9	15	4	48
1970 (percent) . . . . .	100	54	24	11	15	5	46
1980 (percent) . . . . .	100	53	23	11	13	6	47
1990 (percent) . . . . .	100	53	23	13	12	6	47

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960 and 1970; 1980 Census of Population*, vol. 1, chapter A (PC80-1-A-1), *U.S. Summary*, and *1990 Census of Population and Housing* (CPH1).

# Metropolitan Population

29

## No. 33. Metropolitan and Nonmetropolitan Population—States: 1980 and 1990

[As of April 1. Excludes Armed Forces abroad. Metropolitan refers to 264 metropolitan statistical areas and 20 consolidated metropolitan statistical areas as defined by U.S. Office of Management and Budget, June 30, 1990; nonmetropolitan is the area outside metropolitan areas; see Appendix II. Minus sign (-) indicates decrease]

REGION, DIVISION, AND STATE	METROPOLITAN POPULATION						NONMETROPOLITAN POPULATION					
	Total (1,000)		Net change, 1980-90		Percent of State		Total (1,000)		Net change, 1980-90		Percent of State	
	1980	1990	Number (1,000)	Percent	1980	1990	1980	1990	Number (1,000)	Percent	1980	1990
U.S. . . .	172,678	192,726	20,047	11.6	76.2	77.5	53,864	55,984	2,120	3.9	23.8	22.5
Northeast . . .	43,439	44,791	1,352	3.1	88.4	88.2	5,698	6,018	320	5.6	11.6	11.8
N.E. . . .	10,020	10,598	579	5.8	81.1	80.2	2,329	2,609	280	12.0	18.9	19.8
ME . . . .	405	441	36	9.0	36.0	35.9	720	787	66	9.2	64.0	64.1
NH . . . .	511	622	111	21.8	55.5	56.1	410	487	77	18.9	44.5	43.9
VT . . . .	115	131	16	14.0	22.5	23.4	396	431	35	8.9	77.5	76.6
MA . . . .	5,231	5,438	207	3.9	91.2	90.4	506	578	73	14.4	8.8	9.6
RI . . . .	878	928	50	5.7	92.7	92.5	69	75	6	9.4	7.3	7.5
CT . . . .	2,879	3,038	158	5.5	92.7	92.4	228	250	21	9.3	7.3	7.6
M.A. . . .	33,420	34,193	773	2.3	90.8	90.9	3,368	3,409	41	1.2	9.2	9.1
NY . . . .	16,016	16,386	370	2.3	91.2	91.1	1,542	1,605	63	4.1	8.8	8.9
N.J. . . .	7,365	7,730	365	5.0	100.0	100.0	(X)	(X)	(X)	(X)	(X)	(X)
PA . . . .	10,036	10,077	39	0.4	84.6	84.8	1,826	1,805	-22	-1.2	15.4	15.2
Midwest . . . .	41,581	42,689	1,108	2.7	70.6	71.5	17,286	16,980	-306	-1.8	29.4	28.5
E.N.C. . . .	32,204	32,557	353	1.1	77.3	77.5	9,479	9,452	-27	-0.3	22.7	22.5
OH . . . .	8,521	8,567	47	0.5	78.9	79.0	2,277	2,280	3	0.1	21.1	21.0
IN . . . .	3,719	3,796	77	2.1	67.7	68.5	1,771	1,748	-23	-1.3	32.3	31.5
IL . . . .	9,340	9,450	110	1.2	81.7	82.7	2,088	1,981	-107	-5.1	18.3	17.3
MI . . . .	7,480	7,446	-35	-0.5	80.8	80.1	1,782	1,850	68	3.8	19.2	19.9
WI . . . .	3,145	3,298	154	4.9	66.8	67.4	1,561	1,593	32	2.1	33.2	32.6
W.N.C. . . .	9,376	10,132	755	8.1	54.6	57.4	7,808	7,528	-280	-3.6	45.4	42.6
MN . . . .	2,621	2,960	339	12.9	64.3	67.7	1,455	1,415	-40	-2.8	35.7	32.3
IA . . . .	1,223	1,223	(-Z)	(-Z)	42.0	44.0	1,691	1,564	-137	-8.1	58.0	56.0
MO . . . .	3,226	3,387	161	5.0	65.6	66.2	1,690	1,730	39	2.3	34.4	33.8
ND . . . .	234	257	23	9.8	35.9	40.3	418	381	-37	-8.8	64.1	59.7
SD . . . .	180	205	25	14.1	26.0	29.5	511	491	-20	-3.9	74.0	70.5
NE . . . .	708	766	58	8.2	45.1	48.5	862	812	-49	-5.7	54.9	51.5
KS . . . .	1,184	1,333	149	12.6	50.1	53.8	1,180	1,145	-36	-3.0	49.9	46.2
South . . . .	51,606	60,588	8,982	17.4	68.5	70.9	23,761	24,858	1,097	4.6	31.5	29.1
S.A. . . .	26,777	32,461	5,684	21.2	72.5	74.5	10,181	11,106	925	9.1	27.5	25.5
DE . . . .	398	442	44	11.0	67.0	66.3	196	224	28	14.3	33.0	33.7
MD . . . .	3,920	4,439	519	13.2	93.0	92.8	297	343	46	15.3	7.0	7.2
DC . . . .	638	607	-32	-4.9	100.0	100.0	(X)	(X)	(X)	(X)	(X)	(X)
VA . . . .	3,745	4,483	738	19.7	70.1	72.5	1,601	1,704	103	6.4	29.9	27.5
WV . . . .	718	653	-65	-9.1	36.8	36.4	1,232	1,140	-91	-7.4	63.2	63.6
NC . . . .	3,203	3,758	554	17.3	54.5	56.7	2,677	2,871	194	7.3	45.5	43.3
SC . . . .	1,866	2,113	247	13.2	59.8	60.6	1,254	1,374	119	9.5	40.2	39.4
GA . . . .	3,403	4,212	809	23.8	62.3	65.0	2,060	2,266	206	10.0	37.7	35.0
FL . . . .	8,884	11,754	2,870	32.3	91.2	90.8	863	1,184	321	37.3	8.8	9.2
E.S.C. . . .	8,023	8,513	490	6.1	54.7	56.1	6,643	6,663	21	0.3	45.3	43.9
KY . . . .	1,676	1,714	38	2.2	45.8	46.5	1,984	1,971	-13	-0.6	54.2	53.5
TN . . . .	3,048	3,300	252	8.3	66.4	67.7	1,543	1,577	34	2.2	33.6	32.3
AL . . . .	2,583	2,723	140	5.4	66.3	67.4	1,311	1,317	6	0.5	33.7	32.6
MS . . . .	716	776	60	8.3	28.4	30.1	1,805	1,798	-7	-0.4	71.6	69.9
W.S.C. . . .	16,806	19,614	2,808	16.7	70.8	73.5	6,937	7,089	151	2.2	29.2	26.5
AR . . . .	885	943	57	6.5	38.7	40.1	1,401	1,408	7	0.5	61.3	59.9
LA . . . .	2,893	2,935	42	1.5	68.8	69.5	1,313	1,285	-28	-2.1	31.2	30.5
OK . . . .	1,724	1,870	146	8.4	57.0	59.4	1,301	1,276	-26	-2.0	43.0	40.6
TX . . . .	11,304	13,867	2,563	22.7	79.5	81.6	2,921	3,119	198	6.8	20.5	18.4
West . . . .	36,052	44,858	8,606	23.9	83.5	84.6	7,119	8,128	1,009	14.2	16.5	15.4
Mt . . . .	7,340	9,179	1,838	25.0	64.6	67.2	4,031	4,480	449	11.1	35.4	32.8
MT . . . .	189	191	2	1.3	24.0	23.9	598	608	10	1.7	76.0	76.1
ID . . . .	173	206	33	18.9	18.3	20.4	771	801	30	3.9	81.7	79.6
WY . . . .	141	134	-6	-4.4	29.9	29.6	329	319	-10	-3.0	70.1	70.4
CO . . . .	2,326	2,686	360	15.5	80.5	81.5	563	608	45	8.0	19.5	18.5
NM . . . .	610	733	123	20.2	46.8	48.4	694	762	68	12.7	53.2	51.6
AZ . . . .	2,117	2,896	779	36.8	77.9	79.0	600	769	170	28.3	22.1	21.0
UT . . . .	1,128	1,336	207	18.4	77.2	77.5	333	387	54	16.3	22.8	22.5
NV . . . .	657	996	339	51.7	82.0	82.9	144	206	62	43.1	18.0	17.1
Pac . . . .	28,712	35,479	6,768	23.6	90.3	90.7	3,088	3,648	560	18.1	9.7	9.3
WA . . . .	3,322	3,976	654	19.7	80.4	81.7	810	891	81	10.0	19.6	18.3
OR . . . .	1,763	1,947	184	10.4	67.0	68.5	870	895	25	2.9	33.0	31.5
CA . . . .	22,689	28,493	5,805	25.6	96.9	95.7	979	1,267	288	29.4	4.1	4.3
AK . . . .	174	226	52	29.8	43.4	41.1	227	324	96	42.3	56.6	58.9
HI . . . .	763	836	74	9.7	79.0	75.5	202	272	70	34.6	21.0	24.5

X Not applicable. Z Less than 500 or .05 percent.

Source: U.S. Bureau of the Census, unpublished data.

## Population

**No. 34. Metropolitan Areas—Population: 1970 to 1990**

[As of April 1. Covers 20 consolidated metropolitan statistical areas (CMSA's), their 71 component primary metropolitan statistical areas (PMSA's), and the remaining 114 MSA's with 250,000 and over population in 1990 as defined by the U.S. Office of Management and Budget as of June 30, 1990. Figures for 1970 include corrections. Rank based on unrounded figures for CMSA's and MSA's only. For definitions and components of all MSA's and population of NECMA's (New England County Metropolitan Areas), see Appendix II. Minus sign (-) indicates decrease]

METROPOLITAN AREA	1970, total (1,000)	1980, total (1,000)	1990			PERCENT CHANGE		
			Total (1,000)	Rank	Under 18 yrs. old (per- cent)	65 yrs. old and over (per- cent)	1970-80	1980-90
Albany-Schenectady-Troy, NY MSA . . . . .	811	836	874	48	23.3	14.2	3.1	4.6
Albuquerque, NM MSA . . . . .	316	420	481	77	26.1	10.5	33.1	14.4
Allentown-Bethlehem-Easton, PA-NJ MSA . . . . .	594	635	687	58	23.1	15.2	6.9	8.1
Appleton-Oshkosh-Neenah, WI MSA . . . . .	277	291	315	114	26.7	11.9	5.2	8.2
Atlanta, GA MSA . . . . .	1,684	2,138	2,834	12	25.9	7.9	27.0	32.5
Atlantic City, NJ MSA . . . . .	235	276	319	112	22.7	16.2	17.8	15.6
Augusta, GA-SC MSA . . . . .	291	346	397	91	27.9	9.9	18.8	14.7
Austin, TX MSA . . . . .	360	537	782	52	25.3	7.4	48.9	45.6
Bakersfield, CA MSA . . . . .	330	403	543	68	31.5	9.7	22.1	34.8
Baltimore, MD MSA . . . . .	2,089	2,199	2,382	18	24.1	11.7	5.3	8.3
Baton Rouge, LA MSA . . . . .	376	494	528	71	28.6	8.9	31.6	6.9
Beaumont-Port Arthur, TX MSA . . . . .	348	373	361	102	27.6	13.1	7.4	-3.2
Binghamton, NY MSA . . . . .	268	263	264	127	24.0	14.2	-1.8	0.4
Birmingham, AL MSA . . . . .	794	884	908	46	25.4	13.2	11.3	2.7
Boston-Lawrence-Salem, MA-NH CMSA . . . . .	3,939	3,972	4,172	7	22.2	12.4	0.8	5.0
Boston, MA PMSA . . . . .	2,887	2,806	2,871	(X)	20.8	12.9	-2.8	2.3
Brockton, MA PMSA . . . . .	163	183	189	(X)	25.5	11.3	12.4	3.6
Lawrence-Haverhill, MA-NH PMSA . . . . .	301	339	394	(X)	26.4	11.6	12.7	16.1
Lowell, MA-NH PMSA . . . . .	225	243	273	(X)	26.0	9.7	7.8	12.3
Nashua, NH PMSA . . . . .	100	143	181	(X)	26.9	7.9	42.5	26.7
Salem-Gloucester, MA PMSA . . . . .	263	258	264	(X)	21.0	14.9	-1.7	2.4
Brownsville-Harlingen, TX MSA . . . . .	140	210	260	129	35.3	10.6	49.4	24.0
Buffalo-Niagara Falls, NY CMSA . . . . .	1,349	1,243	1,189	33	23.6	15.2	-7.9	-4.3
Buffalo, NY PMSA . . . . .	1,113	1,015	969	(X)	23.3	15.2	-8.8	-4.6
Niagara Falls, NY PMSA . . . . .	236	227	221	(X)	24.9	15.2	-3.5	-2.9
Canton, OH MSA . . . . .	394	404	394	93	25.3	14.4	2.7	-2.6
Charleston, SC MSA . . . . .	336	430	507	73	27.6	8.6	28.1	17.8
Charleston, WV MSA . . . . .	257	270	250	134	23.8	14.9	4.8	-7.1
Charlotte-Gastonia-Rock Hill, NC-SC MSA . . . . .	840	971	1,162	34	24.7	10.9	15.6	19.6
Chattanooga, TN-GA MSA . . . . .	371	426	433	82	24.8	13.0	15.0	1.6
Chicago-Gary-Lake County, IL-IN-WI CMSA . . . . .	7,779	7,937	8,066	3	26.1	11.4	2.0	1.6
Aurora-Elgin, IL PMSA . . . . .	277	316	357	(X)	29.8	9.2	13.8	13.1
Chicago, IL PMSA . . . . .	6,093	6,060	6,070	(X)	25.4	11.8	-0.5	0.2
Gary-Hammond, IN PMSA . . . . .	633	643	605	(X)	27.9	11.8	1.5	-5.9
Joliet, IL PMSA . . . . .	274	355	390	(X)	29.6	9.0	29.4	9.7
Kenosha, WI PMSA . . . . .	118	123	128	(X)	26.8	12.6	4.4	4.1
Lake County, IL PMSA . . . . .	383	440	516	(X)	27.6	8.4	15.1	17.3
Cincinnati-Hamilton, OH-KY-IN CMSA . . . . .	1,613	1,660	1,744	23	26.7	11.8	2.9	5.1
Cincinnati, OH-KY-IN PMSA . . . . .	1,387	1,401	1,453	(X)	26.8	12.1	1.0	3.7
Hamilton-Middletown, OH PMSA . . . . .	226	259	291	(X)	28.2	10.2	14.4	12.6
Cleveland-Akron-Lorain, OH CMSA . . . . .	3,000	2,834	2,760	13	24.8	13.9	-5.5	-2.6
Akron, OH PMSA . . . . .	679	660	658	(X)	24.4	12.9	-2.8	-0.4
Cleveland, OH PMSA . . . . .	2,064	1,899	1,831	(X)	24.6	14.6	-8.0	-3.6
Lorain-Elyria, OH PMSA . . . . .	257	275	271	(X)	27.4	11.6	7.0	-1.4
Colorado Springs, CO MSA . . . . .	236	309	397	90	27.6	8.0	31.1	26.3
Columbia, SC MSA . . . . .	323	410	453	79	25.0	9.3	27.0	10.6
Columbus, OH MSA . . . . .	1,149	1,244	1,377	29	25.1	10.0	8.2	10.7
Corpus Christi, TX MSA . . . . .	285	326	350	105	30.8	10.2	14.5	7.3
Dallas-Fort Worth, TX CMSA . . . . .	2,352	2,931	3,885	9	27.3	8.0	24.6	32.6
Dallas, TX PMSA . . . . .	1,556	1,957	2,553	(X)	27.2	7.7	25.8	30.4
Fort Worth-Arlington, TX PMSA . . . . .	795	973	1,332	(X)	27.3	8.6	22.4	36.9
Davenport-Rock Island-Moline, IA-IL MSA . . . . .	363	384	351	104	26.7	13.7	6.1	-8.8
Dayton-Springfield, OH MSA . . . . .	975	942	951	44	25.3	12.4	-3.4	-1.0
Daytona Beach, FL MSA . . . . .	169	259	371	96	19.7	22.8	52.7	43.3
Denver-Boulder, CO CMSA . . . . .	1,238	1,618	1,848	22	25.6	9.2	30.7	14.2
Boulder-Lafayette, CO PMSA . . . . .	132	190	225	(X)	23.0	7.6	43.8	18.8
Denver, CO PMSA . . . . .	1,106	1,429	1,623	(X)	25.9	9.4	28.1	13.6
Des Moines, IA MSA . . . . .	340	368	393	94	25.6	11.7	8.2	6.9
Detroit-Ann Arbor, MI CMSA . . . . .	4,788	4,753	4,685	6	25.8	11.6	-0.7	-1.8
Ann Arbor, MI PMSA . . . . .	234	265	283	(X)	21.6	7.5	13.1	6.9
Detroit, MI PMSA . . . . .	4,554	4,488	4,382	(X)	26.1	11.8	-1.5	-2.4
El Paso, TX MSA . . . . .	359	480	592	66	32.6	8.2	33.6	23.3
Erie, PA MSA . . . . .	264	280	276	124	25.9	13.8	6.1	-1.5
Eugene-Springfield, OR MSA . . . . .	215	275	283	119	24.5	13.1	27.8	2.8
Evansville, IN-KY MSA . . . . .	255	276	279	121	25.4	14.0	8.5	1.0
Fayetteville, NC MSA . . . . .	212	247	275	125	28.0	8.1	16.6	11.1
Flint, MI MSA . . . . .	446	450	430	84	28.0	10.2	1.1	-4.4
Fort Myers-Cape Coral, FL MSA . . . . .	105	205	335	110	19.6	24.8	95.1	63.3
Fort Pierce, FL MSA . . . . .	79	151	251	133	20.9	23.6	91.7	66.1
Fort Wayne, IN MSA . . . . .	335	354	364	100	27.9	11.5	5.8	2.7
Fresno, CA MSA . . . . .	413	515	667	59	31.3	10.4	24.5	29.7

See footnotes at end of table.

# Metropolitan Areas

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## No. 34. Metropolitan Areas—Population: 1970 to 1990—Continued

[See headnote, page 30]

METROPOLITAN AREA	1970, total (1,000)	1980, total (1,000)	1990			PERCENT CHANGE		
			Total (1,000)	Rank	Under 18 yrs. old (per- cent)	65 yrs. old and over (per- cent)	1970-80	1980-90
Grand Rapids, MI MSA	539	602	688	57	28.6	10.5	11.6	14.4
Greensboro-Winston-Salem-High Point, NC MSA	743	851	942	45	23.0	12.2	14.6	10.6
Greenville-Spartanburg, SC MSA	473	570	641	62	24.3	12.1	20.4	12.4
Harrisburg-Lebanon-Carlisle, PA MSA	510	556	588	67	23.4	13.9	9.0	5.7
Hartford-New Britain-Middletown, CT CMSA	1,000	1,014	1,086	36	22.8	13.3	1.4	7.1
Bristol, CT PMSA	70	74	79	(X)	23.0	12.9	5.6	7.8
Hartford, CT PMSA	711	716	768	(X)	23.1	13.2	0.7	7.3
Middletown, CT PMSA	74	82	90	(X)	21.3	12.1	10.6	10.7
New Britain, CT PMSA	145	142	148	(X)	21.9	15.1	-2.1	4.2
Honolulu, HI MSA	631	763	836	51	24.5	11.1	20.9	9.7
Houston-Galveston-Brazoria, TX CMSA	2,189	3,100	3,711	10	28.9	7.3	42.9	19.7
Brazoria, TX PMSA	108	170	192	(X)	29.3	7.8	56.6	13.0
Galveston-Texas City, TX PMSA	170	196	217	(X)	27.8	10.5	15.3	11.1
Houston, TX PMSA	1,891	2,735	3,302	(X)	28.9	7.1	44.6	20.7
Huntington-Ashland, WV-KY-OH MSA	307	336	313	115	24.5	14.4	9.7	-7.1
Indianapolis, IN MSA	1,111	1,167	1,250	31	26.3	11.1	5.0	7.1
Jackson, MS MSA	289	362	395	92	28.1	10.5	25.4	9.2
Jacksonville, FL MSA	613	722	907	47	26.0	10.9	17.9	25.5
Johnson City-Kingsport-Bristol, TN-VA MSA	374	434	436	81	22.3	14.6	16.1	0.6
Kansas City, MO-KS MSA	1,373	1,433	1,568	25	26.4	11.6	4.4	9.3
Killeen-Temple, TX MSA	180	215	255	131	28.2	8.0	34.3	19.0
Knoxville, TN MSA	477	566	605	65	22.9	13.3	18.8	6.9
Lakeland-Winter Haven, FL MSA	229	322	405	87	24.1	18.6	40.8	26.0
Lancaster, PA MSA	320	362	423	85	26.5	13.1	13.2	16.7
Lansing-East Lansing, MI MSA	378	420	433	83	25.6	9.0	10.9	3.1
Las Vegas, NV MSA	273	463	741	53	24.5	10.5	69.5	60.1
Lexington-Fayette, KY MSA	267	318	348	106	23.9	10.3	19.1	9.7
Little Rock-North Little Rock, AR MSA	381	474	513	72	26.5	11.4	24.5	8.1
Los Angeles-Anaheim-Riverside, CA CMSA	9,981	11,498	14,532	2	26.6	9.8	15.2	26.4
Anaheim-Santa Ana, CA PMSA	1,421	1,933	2,411	(X)	24.4	9.2	36.0	24.7
Los Angeles-Long Beach, CA PMSA	7,042	7,477	8,863	(X)	26.2	9.7	6.2	18.5
Oxnard-Ventura, CA PMSA	378	529	669	(X)	27.4	9.4	39.8	26.4
Riverside-San Bernardino, CA PMSA	1,139	1,558	2,589	(X)	29.8	10.8	36.8	66.1
Louisville, KY-IN MSA	907	956	953	43	25.2	12.6	5.5	-0.4
Macon-Warren Robins, GA MSA	235	264	281	120	27.2	10.8	12.4	6.6
Madison, WI MSA	290	324	367	99	22.7	9.3	11.5	13.5
McAllen-Edinburg-Mission, TX MSA	182	283	384	95	36.6	10.0	56.1	35.4
Melbourne-Titusville-Palm Bay, FL MSA	230	273	399	89	21.9	16.6	18.7	46.2
Memphis, TN-AR-MS MSA	834	913	982	41	27.8	10.3	9.5	7.5
Miami-Fort Lauderdale, FL CMSA	1,888	2,644	3,193	11	22.7	16.6	40.0	20.8
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	620	1,018	1,255	(X)	20.4	20.8	64.2	23.3
Miami-Hialeah, FL PMSA	1,268	1,626	1,937	(X)	24.2	14.0	28.2	19.2
Milwaukee-Racine, WI CMSA	1,575	1,570	1,607	24	26.4	12.4	-0.3	2.4
Milwaukee, WI PMSA	1,404	1,397	1,432	(X)	26.3	12.5	-0.5	2.5
Racine, WI PMSA	171	173	175	(X)	27.8	12.0	1.3	1.1
Minneapolis-St Paul, MN-WI MSA	1,982	2,137	2,464	16	26.3	9.9	7.8	15.3
Mobile, AL MSA	377	444	477	78	28.0	12.5	17.7	7.5
Modesto, CA MSA	195	266	371	97	30.6	10.8	36.7	39.3
Montgomery, AL MSA	226	273	293	117	27.4	11.4	20.7	7.3
Nashville, TN MSA	699	851	985	40	25.1	10.6	21.6	15.8
New Haven-Meriden, CT MSA	489	500	530	69	22.6	14.1	2.4	5.9
New London-Norwich, CT-RI MSA	243	251	267	126	23.5	12.4	3.4	6.4
New Orleans, LA MSA	1,100	1,257	1,239	32	27.9	11.0	14.3	-1.4
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	18,193	17,540	18,087	1	23.0	13.1	-3.6	3.1
Bergen-Passaic, NJ PMSA	1,358	1,293	1,278	(X)	21.7	14.5	-4.8	-1.1
Bridgeport-Milford, CT PMSA	444	439	444	(X)	23.2	14.7	-1.2	1.2
Danbury, CT PMSA	136	170	188	(X)	24.4	9.9	24.8	10.3
Jersey City, NJ PMSA	608	557	553	(X)	22.1	12.7	-8.4	-0.7
Middlesex-Somerset-Hunterdon, NJ PMSA	852	886	1,020	(X)	21.9	11.3	4.0	15.1
Monmouth-Ocean, NJ PMSA	670	849	986	(X)	23.6	17.3	26.7	16.1
Nassau-Suffolk, NY PMSA	2,556	2,606	2,609	(X)	23.3	12.4	2.0	0.1
New York, NY PMSA	9,077	8,275	8,547	(X)	23.0	13.0	-8.8	3.3
Newark, NJ PMSA	1,937	1,879	1,824	(X)	29.5	12.5	-3.0	-2.9
Norwalk, CT PMSA	128	127	127	(X)	21.1	12.3	-0.7	0.5
Orange County, NY PMSA	222	260	308	(X)	27.6	10.4	17.1	18.5
Stamford, CT PMSA	206	199	203	(X)	20.8	14.1	-3.6	1.9
Norfolk-Virginia Beach-Newport News, VA MSA	1,059	1,160	1,396	28	26.4	9.0	9.6	20.3
Oklahoma City, OK MSA	719	861	959	42	26.6	11.1	19.8	11.4

See footnotes at end of table.

## Population

## No. 34. Metropolitan Areas—Population: 1970 to 1990—Continued

[See headnote, page 30]

METROPOLITAN AREA	1970, total (1,000)	1980, total (1,000)	1990			PERCENT CHANGE		
			Total (1,000)	Rank	Under 18 yrs. old (per- cent)	65 yrs. old and over (per- cent)	1970-80	1980-90
Omaha, NE-IA MSA	556	585	618	63	27.8	10.6	5.2	5.7
Orlando, FL MSA	453	700	1,073	37	24.4	10.9	54.4	53.3
Pensacola, FL MSA	243	290	344	107	25.7	11.3	19.2	18.9
Peoria, IL MSA	342	366	339	108	26.4	13.8	7.0	-7.3
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	5,749	5,681	5,899	5	24.3	13.3	-1.2	3.9
Philadelphia, PA-NJ PMSA	4,824	4,717	4,857	(X)	24.4	13.5	-2.2	3.0
Trenton, NJ PMSA	304	308	326	(X)	22.5	13.0	1.2	5.8
Vineland-Millville-Bridgeton, NJ PMSA	121	133	138	(X)	26.0	13.5	9.5	3.9
Wilmington, DE-NJ-MD PMSA	499	523	579	(X)	24.6	11.6	4.8	10.6
Phoenix, AZ MSA	971	1,509	2,122	20	26.2	12.5	55.4	40.6
Pittsburgh-Beaver Valley, PA CMSA	2,556	2,423	2,243	19	21.8	17.3	-5.2	-7.4
Beaver County, PA PMSA	208	204	186	(X)	23.3	16.9	-1.9	-9.0
Pittsburgh, PA PMSA	2,348	2,219	2,057	(X)	21.7	17.4	-5.5	-7.3
Portland-Vancouver, OR-WA CMSA	1,047	1,298	1,478	27	25.7	12.0	23.9	13.9
Portland, OR PMSA	919	1,106	1,240	(X)	25.1	12.2	20.3	12.1
Vancouver, WA PMSA	128	192	238	(X)	28.4	10.7	49.6	23.8
Poughkeepsie, NY MSA	222	245	259	130	23.9	11.4	10.2	5.9
Providence-Pawtucket-Fall River, RI-MA CMSA	1,065	1,083	1,142	35	22.8	15.1	1.7	5.4
Fall River, MA-RI PMSA	152	157	157	(X)	23.4	16.8	3.2	(Z)
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	301	307	329	(X)	24.1	14.2	2.2	7.2
Providence, RI PMSA	612	619	655	(X)	22.1	15.1	1.0	5.9
Provo-Orem, UT MSA	138	218	264	128	37.7	7.0	58.3	20.9
Raleigh-Durham, NC MSA	446	561	735	54	22.5	8.9	25.7	31.2
Reading, PA MSA	296	313	337	109	23.3	15.6	5.4	7.7
Reno, NV MSA	121	194	255	132	23.1	10.3	59.9	31.5
Richmond-Petersburg, VA MSA	676	761	866	49	24.3	11.3	12.6	13.7
Rochester, NY MSA	962	971	1,002	39	25.0	12.4	1.0	3.2
Rockford, IL MSA	272	280	284	118	26.4	12.6	2.7	1.5
Sacramento, CA MSA	848	1,100	1,481	26	26.2	10.8	29.8	34.7
Saginaw-Bay City-Midland, MI MSA	401	422	399	88	27.5	12.1	5.2	-5.3
St. Louis, MO-IL MSA	2,429	2,377	2,444	17	26.3	12.8	-2.2	2.8
Salem, OR MSA	187	250	278	122	26.4	14.4	33.9	11.3
Salinas-Seaside-Monterey, CA MSA	247	290	356	103	27.5	9.8	17.4	22.5
Salt Lake City-Ogden, UT MSA	684	910	1,072	38	35.5	8.4	33.1	17.8
San Antonio, TX MSA	888	1,072	1,302	30	29.0	10.3	20.7	21.5
San Diego, CA MSA	1,358	1,862	2,498	15	24.5	10.9	37.1	34.2
San Francisco-Oakland-San Jose, CA CMSA	4,754	5,368	6,253	4	23.1	11.1	12.9	16.5
Oakland, CA PMSA	1,628	1,762	2,083	(X)	24.3	10.7	8.2	18.2
San Francisco, CA PMSA	1,482	1,489	1,604	(X)	18.9	13.3	0.5	7.7
San Jose, CA PMSA	1,065	1,295	1,498	(X)	24.0	8.7	21.6	15.6
Santa Cruz, CA PMSA	124	188	230	(X)	23.8	11.3	52.0	22.1
Santa Rosa-Petaluma, CA PMSA	205	300	388	(X)	24.7	13.4	46.3	29.5
Vallejo-Fairfield-Napa, CA PMSA	251	334	451	(X)	27.4	10.2	33.2	34.9
Santa Barbara-Santa Maria-Lompoc, CA MSA	264	299	370	98	23.2	12.3	13.0	23.7
Sarasota, FL MSA	120	202	278	123	15.7	32.2	68.0	37.3
Scranton-Wilkes-Barre, PA MSA	696	729	734	55	22.3	18.2	4.7	0.7
Seattle-Tacoma, WA CMSA	1,837	2,093	2,559	14	24.6	10.7	14.0	22.3
Seattle, WA PMSA	1,425	1,608	1,973	(X)	23.8	10.7	12.8	22.7
Tacoma, WA PMSA	412	486	586	(X)	27.2	10.5	17.8	20.7
Shreveport, LA MSA	296	333	334	111	28.7	12.2	12.5	0.4
Spokane, WA MSA	287	342	361	101	26.4	13.3	18.9	5.7
Springfield, MA MSA	528	515	530	70	24.2	14.7	-2.4	2.8
Stockton, CA MSA	291	347	481	76	29.6	11.1	19.3	38.4
Syracuse, NY MSA	637	643	660	61	25.2	12.4	1.0	2.6
Tampa-St. Petersburg-Clearwater, FL MSA	1,108	1,614	2,068	21	20.4	21.6	46.0	28.2
Toledo, OH MSA	606	617	614	64	26.3	12.4	1.7	-0.4
Tucson, AZ MSA	352	531	667	60	24.9	13.7	51.1	25.5
Tulsa, OK MSA	526	657	709	56	26.8	11.6	25.0	7.9
Utica-Rome, NY MSA	340	320	317	113	24.5	15.7	-6.0	-1.1
Visalia-Tulare-Porterville, CA MSA	188	246	312	116	33.1	10.8	30.5	26.9
Washington, DC-MD-VA MSA	3,040	3,251	3,924	8	23.5	8.6	6.9	20.7
West Palm Beach-Boca Raton-Delray Beach, FL MSA	349	577	864	50	19.6	24.3	65.3	49.7
Wichita, KS MSA	417	442	485	75	27.8	11.9	6.2	9.7
Worcester, MA MSA	400	403	437	80	23.8	14.2	0.8	8.4
York, PA MSA	330	381	418	86	24.4	13.2	15.7	9.6
Youngstown-Warren, OH MSA	537	531	493	74	24.8	15.8	-1.1	-7.3

X Not applicable. Z Less than .05 percent.

Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas, (PC80-S1-18); press release CB91-66; and 1990 Census of Population and Housing, Summary Tape File 1A.

**No. 35. Metropolitan Areas With Large Numbers of Selected Racial Groups and of Hispanic Origin Population: 1990**

[As of April 1. For Black, Hispanic origin, and Asian and Pacific Islander populations, areas selected had 100,000 or more of specified group; for American Indian, Eskimo, and Aleut population, areas selected are ten areas with largest number of that group. CMSA=consolidated metropolitan statistical area. MSA=metropolitan statistical area. For definitions and components of all metropolitan statistical areas, see Appendix II.]

METROPOLITAN AREA	Number of specified group (1,000)	Percent of total metro.	METROPOLITAN AREA	Number of specified group (1,000)	Percent of total metro.	
<b>BLACK</b>						
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	3,289	18.2	Los Angeles-Anaheim-Riverside, CA CMSA	4,779	32.9	
Chicago-Gary-Lake County, IL-IN-WI CMSA	1,548	19.2	New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	2,778	15.4	
Los Angeles-Anaheim-Riverside, CA CMSA	1,230	8.5	Miami-Fort Lauderdale, FL CMSA	1,062	33.3	
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	1,100	18.7	San Francisco-Oakland-San Jose, CA CMSA	970	15.5	
Washington, DC-MD-VA MSA	1,042	26.6	Chicago-Gary-Lake County, IL-IN-WI CMSA	893	11.1	
Detroit-Ann Arbor, MI CMSA	975	20.9	Houston-Galveston-Brazoria, TX CMSA	772	20.8	
Atlanta, GA MSA	736	26.0	San Antonio, TX MSA	620	47.6	
Houston-Galveston-Brazoria, TX CMSA	665	17.9	Dallas-Fort Worth, TX CMSA	519	13.4	
Baltimore, MD MSA	616	25.9	San Diego, CA MSA	511	20.4	
Miami-Fort Lauderdale, FL CMSA	591	18.5	El Paso, TX MSA	412	69.6	
Dallas-Fort Worth, TX CMSA	555	14.3	Phoenix, AZ MSA	345	16.3	
San Francisco-Oakland-San Jose, CA CMSA	538	8.6	McAllen-Edinburg-Mission, TX MSA	327	85.2	
Cleveland-Akron-Lorain, OH CMSA	442	16.0	Fresno, CA MSA	237	35.5	
New Orleans, LA MSA	430	34.7	Denver-Boulder, CO CMSA	226	12.2	
St. Louis, MO-IL MSA	423	17.3	Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	226	3.8	
Memphis, TN-AR-MS MSA	399	40.6	Washington, DC-MD-VA MSA	225	5.7	
Norfolk-Virginia Beach-Newport News, VA MSA	398	28.5	Brownsville-Harlingen, TX MSA	213	81.9	
Richmond-Petersburg, VA MSA	252	29.2	Boston-Lawrence-Salem, MA-NH CMSA	193	4.6	
Birmingham, AL MSA	246	27.1	Corpus Christi, TX MSA	182	52.0	
Boston-Lawrence-Salem, MA-NH CMSA	239	5.7	Albuquerque, NM MSA	178	37.1	
Charlotte-Gastonia-Rock Hill, NC-SC MSA	232	19.9	Tucson, AZ MSA	172	11.6	
Milwaukee-Racine, WI CMSA	214	13.3	Austin, TX MSA	163	24.5	
Cincinnati-Hamilton, OH-KY-IN CMSA	204	11.7	Bakersfield, CA MSA	160	20.5	
Kansas City, MO-KS MSA	201	12.8	Brownsville-Harlingen, TX MSA	152	28.0	
Tampa-St. Petersburg-Clearwater, FL MSA	186	9.0	Tampa-St. Petersburg-Clearwater, FL MSA	139	6.7	
Raleigh-Durham, NC MSA	183	24.9	Laredo, TX MSA	125	93.9	
Greensboro-Winston-Salem-High Point, NC MSA	182	19.3	Visalia-Tulare-Porterville, CA MSA	121	38.8	
Jacksonville, FL MSA	181	20.0	Salinas-Seaside-Monterey, CA MSA	120	33.6	
Pittsburgh-Beaver Valley, PA CMSA	179	8.0	Stockton, CA MSA	113	23.4	
Indianapolis, IN MSA	172	13.8	<b>ASIAN AND PACIFIC ISLANDER</b>			
Jackson, MS MSA	169	42.5	Los Angeles-Anaheim-Riverside, CA CMSA	1,339	9.2	
Columbus, OH MSA	165	12.0	San Francisco-Oakland-San Jose, CA CMSA	927	14.8	
San Diego, CA MSA	159	6.4	New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	873	4.8	
Baton Rouge, LA MSA	157	29.6	Honolulu, HI MSA	526	63.0	
Charleston, SC MSA	153	30.2	Chicago-Gary-Lake County, IL-IN-WI CMSA	256	3.2	
Nashville, TN MSA	152	15.5	Washington, DC-MD-VA MSA	202	5.2	
Columbia, SC MSA	138	30.4	San Diego, CA MSA	198	7.9	
Orlando, FL MSA	133	12.4	Seattle-Tacoma, WA CMSA	164	6.4	
Mobile, AL MSA	131	27.4	Houston-Galveston-Brazoria, TX CMSA	132	3.6	
Dayton-Springfield, OH MSA	126	13.3	Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	123	2.1	
Louisville, KY-IN MSA	125	13.1	Boston-Lawrence-Salem, MA-NH CMSA	121	2.9	
Augusta, GA-SC MSA	123	31.1	Sacramento, CA MSA	115	7.7	
Seattle-Tacoma, WA CMSA	123	4.8	<b>AMERICAN INDIAN, ESKIMO, ALEUT</b>			
Buffalo-Niagara Falls, NY CMSA	122	10.3	Los Angeles-Anaheim-Riverside, CA CMSA	87	0.6	
Shreveport, LA MSA	117	35.0	Tulsa, OK MSA	48	6.8	
Greenville-Spartanburg, SC MSA	111	17.4	New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	46	0.3	
West Palm Beach-Boca Raton-Delray Beach, FL MSA	108	12.5	Oklahoma City, OK MSA	46	4.8	
Montgomery, AL MSA	105	36.0	San Francisco-Oakland-San Jose, CA CMSA	41	0.7	
Sacramento, CA MSA	102	6.9	Phoenix, AZ MSA	38	1.8	
Little Rock-North Little Rock, AR MSA	102	19.9	Seattle-Tacoma, WA CMSA	32	1.3	
Oklahoma City, OK MSA	101	10.5	Minneapolis-St. Paul, MN-WI MSA	24	1.0	
			Tucson, AZ MSA	20	3.0	
			San Diego, CA MSA	20	0.8	

<sup>1</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, press release CB91-229.

## Population

**No. 36. 75 Largest Metropolitan Areas—Racial and Hispanic Origin Populations: 1990**

[As of April 1. Areas as defined by U.S. Office of Management and Budget, June 30, 1990. For definitions, see Appendix II.]

METROPOLITAN AREA <sup>1</sup>	Total population (1,000)	PERCENT OF TOTAL METROPOLITAN POPULATION			
		Black	American Indian, Eskimo, Aleut	Asian and Pacific Islander	Hispanic origin <sup>2</sup>
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	18,087	18.2	0.3	4.8	15.4
Los Angeles-Anaheim-Riverside, CA CMSA	14,532	8.5	0.6	9.2	32.9
Chicago-Gary-Lake County, IL-IN-WI CMSA	8,066	19.2	0.2	3.2	11.1
San Francisco-Oakland-San Jose, CA CMSA	6,253	8.6	0.7	14.8	15.5
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	5,899	18.7	0.2	2.1	3.8
Detroit-Ana Arbor, MI CMSA	4,665	20.9	0.4	1.5	1.9
Boston-Lawrence-Salem, MA-NH CMSA	4,172	5.7	0.2	2.9	4.6
Washington, DC-MD-VA MSA	3,924	26.6	0.3	5.2	5.7
Dallas-Fort Worth, TX CMSA	3,885	14.3	0.5	2.5	13.4
Houston-Galveston-Brazoria, TX CMSA	3,711	17.9	0.3	3.6	20.8
Miami-Fort Lauderdale, FL CMSA	3,193	18.5	0.2	1.4	33.3
Atlanta, GA MSA	2,834	26.0	0.2	1.8	2.0
Cleveland-Akron-Lorain, OH CMSA	2,760	16.0	0.2	1.0	1.9
Seattle-Tacoma, WA CMSA	2,559	4.8	1.3	6.4	3.0
San Diego, CA MSA	2,498	6.4	0.8	7.9	20.4
Minneapolis-St. Paul, MN-WI MSA	2,464	3.6	1.0	2.6	1.5
St. Louis, MO-IL MSA	2,444	17.3	0.2	1.0	1.1
Baltimore, MD MSA	2,382	25.9	0.3	1.8	1.3
Pittsburgh-Beaver Valley, PA CMSA	2,243	8.0	0.1	0.7	0.6
Phoenix, AZ MSA	2,122	3.5	1.8	1.7	16.3
Tampa-St. Petersburg-Clearwater, FL MSA	2,068	9.0	0.3	1.1	6.7
Denver-Boulder, CO CMSA	1,848	5.3	0.8	2.3	12.2
Cincinnati-Hamilton, OH-KY-IN CMSA	1,744	11.7	0.1	0.8	0.5
Milwaukee-Racine, WI CMSA	1,607	13.3	0.5	1.2	3.8
Kansas City, MO-KS MSA	1,566	12.8	0.5	1.1	2.9
Sacramento, CA MSA	1,481	6.9	1.1	7.7	11.6
Portland-Vancouver, OR-WA CMSA	1,478	2.8	0.9	3.5	3.4
Norfolk-Virginia Beach-Newport News, VA MSA	1,396	28.5	0.3	2.5	2.3
Columbus, OH MSA	1,377	12.0	0.2	1.5	0.8
San Antonio, TX MSA	1,302	6.8	0.4	1.2	47.6
Indianapolis, IN MSA	1,250	13.8	0.2	0.8	0.9
New Orleans, LA MSA	1,239	34.7	0.3	1.7	4.3
Buffalo-Niagara Falls, NY CMSA	1,189	10.3	0.6	0.9	2.0
Charlotte-Gastonia-Rock Hill, NC-SC MSA	1,162	19.9	0.4	1.0	0.9
Providence-Pawtucket-Fall River, RI-MA CMSA	1,142	3.3	0.3	1.8	4.2
Hartford-New Britain-Middletown, CT CMSA	1,066	8.7	0.2	1.5	7.0
Orlando, FL MSA	1,073	12.4	0.3	1.9	9.0
Salt Lake City-Ogden, UT MSA	1,072	1.0	0.8	2.4	5.8
Rochester, NY MSA	1,002	9.4	0.3	1.4	3.1
Nashville, TN MSA	985	15.5	0.2	1.0	0.8
Memphis, TN-AR-MS MSA	982	40.6	0.2	0.8	0.8
Oklahoma City, OK MSA	959	10.5	4.8	1.9	3.6
Louisville, KY-IN MSA	953	13.1	0.2	0.6	0.6
Dayton-Springfield, OH MSA	951	13.3	0.2	1.0	0.8
Greensboro-Winston-Salem-High Point, NC MSA	942	19.3	0.3	0.7	0.8
Birmingham, AL MSA	908	27.1	0.2	0.4	0.4
Jacksonville, FL MSA	907	20.0	0.3	1.7	2.5
Albany-Schenectady-Troy, NY MSA	874	4.7	0.2	1.2	1.8
Richmond-Petersburg, VA MSA	866	29.2	0.3	1.4	1.1
West Palm Beach-Boca Raton-Delray Beach, FL MSA	864	12.5	0.1	1.0	7.7
Honolulu, HI MSA	836	3.1	0.4	63.0	6.8
Austin, TX MSA	782	9.2	0.4	2.4	20.5
Las Vegas, NV MSA	741	9.5	0.9	3.5	11.2
Raleigh-Durham, NC MSA	735	24.9	0.3	1.9	1.2
Scranton-Wilkes-Barre, PA MSA	734	1.0	0.1	0.5	0.8
Tulsa, OK MSA	709	8.2	6.8	0.9	2.1
Grand Rapids, MI MSA	688	6.0	0.5	1.1	3.3
Allentown-Bethlehem, PA-NJ MSA	687	2.0	0.1	1.1	4.2
Fresno, CA MSA	667	5.0	1.1	8.6	35.5
Tucson, AZ MSA	667	3.1	3.0	1.8	24.5
Syracuse, NY MSA	660	5.9	0.6	1.2	1.4
Greenville-Spartanburg, SC MSA	641	17.4	0.1	0.7	0.8
Omaha, NE-IA MSA	618	8.3	0.5	1.0	2.6
Toledo, OH MSA	614	11.4	0.2	1.0	3.3
Knoxville, TN MSA	605	6.0	0.2	0.8	0.5
El Paso, TX MSA	592	3.7	0.4	1.1	69.6
Harrisburg-Lebanon-Carlisle, PA MSA	588	6.7	0.1	1.1	1.7
Bakersfield, CA MSA	543	5.5	1.3	3.0	28.0
New Haven-Meriden, CT MSA	530	12.1	0.2	1.6	6.2
Springfield, MA MSA	530	6.6	0.2	1.0	9.0
Baton Rouge, LA MSA	528	29.6	0.2	1.1	1.4
Little Rock-North Little Rock, AR MSA	513	19.9	0.4	0.7	0.8
Charleston, SC MSA	507	30.2	0.3	1.2	1.5
Youngstown-Warren, OH MSA	493	11.1	0.2	0.4	1.5
Wichita, KS MSA	485	7.6	1.1	1.9	4.1

<sup>1</sup> Metropolitan areas are shown in rank order of total population of consolidated metropolitan statistical areas (CMSA) and metropolitan statistical areas (MSA). <sup>2</sup> Persons of Hispanic origin may be of any race.

## No. 37. Cities, by Population Size: 1960 to 1990

POPULATION SIZE	NUMBER OF CITIES				POPULATION (mil.)				PERCENT OF TOTAL			
	1960	1970	1980	1990	1960	1970	1980	1990	1960	1970	1980	1990
Total . . . . .	18,088	18,686	19,097	19,289	115.9	131.9	140.3	152.9	100.0	100.0	100.0	100.0
1,000,000 or more . . . . .	5	6	6	8	17.5	18.8	17.5	20.0	15.1	14.2	12.5	13.0
500,000 to 999,999 . . . . .	16	20	16	15	11.1	13.0	10.9	10.1	9.6	9.8	7.8	6.6
250,000 to 499,999 . . . . .	30	30	33	40	10.8	10.5	11.8	14.2	9.3	7.9	8.4	9.3
100,000 to 249,999 . . . . .	79	97	114	131	11.4	13.9	16.6	19.1	9.8	10.5	11.8	12.5
50,000 to 99,999 . . . . .	180	222	250	309	12.5	16.2	17.6	21.2	10.8	12.2	12.3	13.9
25,000 to 49,999 . . . . .	366	455	526	567	12.7	15.7	18.4	20.0	11.0	11.9	13.1	13.0
10,000 to 24,999 . . . . .	978	1,127	1,260	1,290	15.1	17.6	19.8	20.3	13.1	13.3	14.1	13.3
Under 10,000 . . . . .	16,434	16,699	16,892	16,929	24.9	26.4	28.0	28.2	21.5	20.0	20.0	18.4

Source: U.S. Bureau of the Census, *Census of Population: 1970, 1980, and 1990*, vol. I.

## No. 38. Cities With 100,000 or More Inhabitants in 1990—Population, 1970 to 1990, and Land Area, 1990

[Population: As of April 1. Data refer to municipal limits as of January 1. Minus sign (-) indicates decrease]

CITY	POPULATION								Land area, <sup>3</sup> 1990 (square miles)	
	1970, total, (1,000)	1980, total, (1,000)	Total (1,000)	Rank	Per- cent change, 1980- 90	Percent—				
						Black	American Indian, Eskimo, Aleut	Asian, Pacific Islander	His- panic <sup>2</sup>	
Abilene, TX . . . . .	90	98	107	184	8.5	7.0	0.4	1.3	15.5	1,035
Akron, OH . . . . .	275	237	223	71	-6.0	24.5	0.3	1.2	0.7	3,586
Albany, NY . . . . .	116	102	101	197	-0.6	20.6	0.3	2.3	3.1	4,721
Albuquerque, NM . . . . .	245	332	385	38	15.6	3.0	3.0	1.7	34.5	2,910
Alexandria, VA . . . . .	111	103	111	168	7.7	21.9	0.3	4.2	9.7	7,281
Allentown, PA . . . . .	110	104	105	189	1.3	5.0	0.2	1.3	11.7	5,934
Amarillo, TX . . . . .	127	149	158	111	5.6	6.0	0.8	1.9	14.7	1,793
Anaheim, CA . . . . .	166	219	266	59	21.4	2.5	0.5	9.4	31.4	6,014
Anchorage, AK <sup>4</sup> . . . . .	48	174	226	69	29.8	6.4	6.4	4.8	4.1	1,697.7
Ann Arbor, MI . . . . .	100	108	110	174	1.5	9.0	0.4	7.7	2.6	4,231
Arlington, VA <sup>5</sup> . . . . .	174	153	171	100	12.0	10.5	0.3	6.8	13.5	6,605
Arlington, TX . . . . .	90	160	262	61	63.5	8.4	0.5	3.9	8.9	2,814
Atlanta, GA . . . . .	495	425	394	36	-7.3	67.1	0.1	0.9	1.9	2,990
Aurora, CO . . . . .	75	159	222	72	40.1	11.4	0.6	3.8	6.6	1,676
Austin, TX . . . . .	254	346	466	27	34.6	12.4	0.4	3.0	23.0	2,138
Bakersfield, CA . . . . .	70	106	175	97	65.5	9.4	1.1	3.6	20.5	1,904
Baltimore, MD . . . . .	905	787	736	12	-6.4	59.2	0.3	1.1	1.0	9,108
Baton Rouge, LA . . . . .	166	220	220	73	-0.4	43.9	0.1	1.7	1.6	2,969
Beaumont, TX . . . . .	118	118	114	159	-3.2	41.3	0.2	1.7	4.3	1,427
Berkeley, CA . . . . .	114	103	103	194	-0.6	18.8	0.6	14.8	8.4	9,783
Birmingham, AL . . . . .	301	284	266	60	-6.5	63.3	0.1	0.6	(Z)	1,791
Boise City, ID . . . . .	75	102	126	148	23.0	0.6	0.6	1.6	2.7	2,726
Boston, MA . . . . .	641	563	574	20	2.0	25.6	0.3	5.3	10.8	11,860
Bridgeport, CT . . . . .	157	143	142	125	-0.6	26.6	0.3	2.3	26.5	8,855
Buffalo, NY . . . . .	463	358	328	50	-8.3	30.7	0.8	1.0	4.9	8,080
Cedar Rapids, IA . . . . .	111	110	109	178	-1.4	2.9	0.2	1.0	1.1	2,034
Charlotte, NC . . . . .	241	315	396	35	25.5	31.8	0.4	1.8	1.4	2,272
Chattanooga, TN . . . . .	120	170	152	114	-10.1	33.7	0.2	1.0	0.6	1,287
Chesapeake, VA . . . . .	90	114	152	115	32.7	27.4	0.3	1.2	1.3	446
Chicago, IL . . . . .	3,369	3,005	2,784	3	-7.4	39.1	0.3	3.7	19.6	12,251
Chula Vista, CA . . . . .	68	84	135	133	61.0	4.6	0.6	8.9	37.3	4,661
Cincinnati, OH . . . . .	454	385	364	45	-5.5	37.9	0.2	1.1	0.7	4,714
Citrus Heights, CA <sup>5</sup> . . . . .	22	86	107	183	25.1	2.3	1.1	3.3	6.9	5,510
Cleveland, OH . . . . .	751	574	506	23	-11.9	46.6	0.3	1.0	4.6	6,565
Colorado Springs, CO . . . . .	136	215	281	54	30.7	7.0	0.8	2.4	9.1	1,535
Columbus, GA . . . . .	155	169	179	93	5.5	38.1	0.3	1.4	3.0	827
Columbus, OH . . . . .	540	565	633	16	12.0	22.6	0.2	2.4	1.1	3,315
Concord, CA . . . . .	85	104	111	167	7.3	2.4	0.7	8.7	11.5	3,775
Corpus Christi, TX . . . . .	205	232	257	64	10.9	4.8	0.4	0.9	50.4	1,907
Dallas, TX . . . . .	844	905	1,007	8	11.3	25.5	0.5	2.2	20.9	2,941
Dayton, OH . . . . .	243	194	182	89	5.9	40.4	0.2	0.6	0.7	3,310
Denver, CO . . . . .	515	493	468	26	-5.1	12.8	1.2	2.4	23.0	3,051
Des Moines, IA . . . . .	201	191	193	80	1.1	7.1	0.4	2.4	2.4	2,567
Detroit, MI . . . . .	1,514	1,203	1,028	7	-14.6	75.7	0.4	0.8	2.8	7,410
Durham, NC . . . . .	95	101	137	132	35.1	45.7	0.2	2.0	1.2	1,972
East Los Angeles, CA . . . . .	105	110	126	146	14.9	1.4	0.4	1.3	94.7	16,828
Elizabeth, NJ . . . . .	113	106	110	172	3.6	19.8	0.3	2.7	39.1	8,829
El Monte, CA . . . . .	70	79	106	186	33.6	1.0	0.6	11.8	72.5	11,180
El Paso, TX . . . . .	322	425	515	22	21.2	3.4	0.4	1.2	69.0	2,100
Erie, PA . . . . .	129	119	109	179	-6.7	12.0	0.2	0.5	2.4	4,944
Escondido, CA . . . . .	37	64	109	180	68.8	1.5	0.8	3.7	23.4	3,048
Eugene, OR . . . . .	79	106	113	163	6.6	1.3	0.9	3.5	2.7	2,962
Evansville, IN . . . . .	139	130	126	147	-3.2	9.5	0.2	0.6	0.6	3,102
Flint, MI . . . . .	193	160	141	127	-11.8	47.9	0.7	0.5	2.9	4,161
Fort Lauderdale, FL . . . . .	140	153	149	118	-2.5	28.1	0.2	0.9	7.2	4,763

See footnotes at end of table.

## Population

**No. 38. Cities With 100,000 or More Inhabitants in 1990—Population, 1970 to 1990,  
and Land Area, 1990—Continued**

[See headnote, p. 35]

CITY	POPULATION									Land area, 1990 (square miles)	
	1990										
	1970, total <sup>1</sup> (1,000)	1980, total <sup>1</sup> (1,000)	Total (1,000)	Rank	Percent change, 1980- 90	Percent—					
						Black	American Indian, Eskimo, Aleut	Asian, Pacific Islander	His- panic <sup>2</sup>	Per square mile	
Fort Wayne, IN . . . . .	178	172	173	99	0.4	16.7	0.3	1.0	2.7	2,762	62.7
Fort Worth, TX . . . . .	393	385	448	28	16.2	22.0	0.4	2.0	19.5	1,592	281.1
Fremont, CA . . . . .	101	132	173	98	31.4	3.8	0.7	19.4	13.3	2,250	77.0
Fresno, CA . . . . .	166	217	354	47	62.9	8.3	1.1	12.5	29.9	3,573	99.1
Fullerton, CA . . . . .	86	102	114	160	11.6	2.2	0.5	12.2	21.3	5,160	22.1
Garden Grove, CA . . . . .	121	123	143	122	16.0	1.5	0.6	20.5	23.5	7,974	17.9
Garland, TX . . . . .	81	139	181	91	30.1	8.9	0.5	4.5	11.6	3,150	57.4
Gary, IN . . . . .	175	152	117	158	-23.2	80.6	0.2	0.2	5.7	2,322	50.2
Glendale, AZ . . . . .	36	97	148	119	52.4	3.0	0.9	2.1	15.5	2,837	52.2
Glendale, CA . . . . .	133	139	180	92	29.5	1.3	0.3	14.1	21.0	5,882	30.6
Grand Rapids, MI . . . . .	198	182	189	83	4.0	18.5	0.8	1.1	5.0	4,273	44.3
Greensboro, NC . . . . .	144	156	184	88	17.9	33.9	0.5	1.4	1.0	2,300	79.8
Hampton, VA . . . . .	121	123	134	135	9.1	38.9	0.3	1.7	2.0	2,582	51.8
Hartford, CT . . . . .	158	136	140	129	2.5	38.9	0.3	1.4	31.6	8,077	17.3
Hayward, CA . . . . .	93	94	111	166	19.1	9.8	1.0	15.5	23.9	2,566	43.5
Hialeah, FL . . . . .	102	145	188	85	29.4	1.9	0.1	0.5	87.6	9,772	19.2
Hollywood, FL . . . . .	107	121	122	152	0.3	8.5	0.2	1.3	11.9	4,464	27.3
Honolulu, HI . . . . .	325	365	365	44	0.1	1.3	0.3	70.5	4.6	4,410	82.8
Houston, TX . . . . .	1,234	1,595	1,631	4	2.2	28.1	0.3	4.1	27.6	3,020	539.9
Huntington Beach, CA . . . . .	116	171	182	90	6.5	0.9	0.6	8.3	11.2	6,871	26.4
Huntsville, AL . . . . .	139	143	160	110	12.1	24.4	0.5	2.1	1.2	972	164.4
Independence, MO . . . . .	112	112	112	164	0.5	1.4	0.6	1.0	2.0	1,436	78.2
Indianapolis, IN . . . . .	737	701	731	13	4.3	22.6	0.2	0.9	1.1	2,022	361.7
Inglewood, CA . . . . .	80	94	110	173	16.4	51.9	0.4	2.5	38.5	11,952	9.2
Irvine, CA . . . . .	(*)	62	110	171	77.6	1.8	0.2	18.1	6.3	2,607	42.3
Irving, TX . . . . .	97	110	155	113	41.0	7.5	0.6	4.6	16.3	2,293	67.6
Jackson, MS . . . . .	154	203	197	78	-3.1	55.7	0.1	0.5	0.4	1,804	109.0
Jacksonville, FL . . . . .	504	541	635	15	17.9	25.2	0.3	1.9	2.6	837	758.7
Jersey City, NJ . . . . .	260	224	229	67	2.2	29.7	0.3	11.4	24.2	15,359	14.9
Kansas City, KS . . . . .	168	161	150	116	-7.1	29.3	0.7	1.2	7.1	1,389	107.8
Kansas City, MO . . . . .	507	448	435	31	-2.9	29.6	0.5	1.2	3.9	1,397	311.5
Knoxville, TN . . . . .	175	175	165	103	-5.7	15.8	0.2	1.0	0.7	2,137	77.3
Lakewood, CO . . . . .	93	114	126	145	11.1	1.0	0.7	1.9	9.1	3,100	40.8
Lansing, MI . . . . .	131	130	127	144	-2.4	18.6	1.0	1.8	7.9	3,755	33.9
Laredo, TX . . . . .	69	91	123	151	34.4	0.1	0.2	0.4	93.9	3,739	32.9
Las Vegas, NV . . . . .	126	165	258	63	56.9	11.4	0.9	3.6	12.5	3,101	83.3
Lexington-Fayette, KY <sup>7</sup> . . . . .	108	204	225	70	10.4	13.4	0.2	1.6	1.1	792	284.5
Lincoln, NE . . . . .	150	172	192	81	11.7	2.4	0.6	1.7	2.0	3,033	63.3
Little Rock, AR . . . . .	132	159	176	96	10.5	34.0	0.3	0.9	0.8	1,709	102.9
Livonia, MI . . . . .	110	105	101	198	-3.8	0.3	0.2	1.3	1.3	2,823	35.7
Long Beach, CA . . . . .	359	361	429	32	18.8	13.7	0.6	13.6	23.6	8,585	50.0
Los Angeles, CA . . . . .	2,812	2,969	3,485	2	17.4	14.0	0.5	9.8	39.9	7,426	469.3
Louisville, KY . . . . .	362	299	269	58	-9.9	29.7	0.2	0.7	0.7	4,332	62.1
Lowell, MA . . . . .	94	92	103	193	11.9	2.4	0.2	11.1	10.1	7,506	13.8
Lubbock, TX . . . . .	149	174	186	87	6.8	8.6	0.3	1.4	22.5	1,789	104.1
Macon, GA . . . . .	122	117	107	185	-8.8	52.2	0.1	0.4	0.6	2,227	47.9
Madison, WI . . . . .	172	171	191	82	12.1	4.2	0.4	3.9	2.0	3,311	57.8
Memphis, TN . . . . .	624	646	610	18	-5.5	54.8	0.2	0.8	0.7	2,384	256.0
Mesa, AZ . . . . .	63	152	268	53	89.0	1.9	1.0	1.5	10.9	2,653	108.6
Mesquite, TX . . . . .	55	67	101	195	51.3	5.8	0.5	2.6	8.8	2,369	42.8
Metairie, LA <sup>5</sup> . . . . .	136	164	149	117	-9.0	4.9	0.2	1.8	6.2	6,424	23.3
Miami, FL . . . . .	335	347	359	46	3.4	27.4	0.2	0.6	62.5	10,080	35.6
Milwaukee, WI . . . . .	717	636	628	17	-1.3	30.5	0.9	1.9	6.3	6,537	96.1
Minneapolis, MN . . . . .	434	371	368	42	-0.7	13.0	3.3	4.3	2.1	6,706	54.9
Mobile, AL . . . . .	180	200	196	79	-2.1	38.9	0.2	1.0	1.0	1,663	118.0
Modesto, CA . . . . .	62	107	165	104	54.0	2.7	1.0	7.9	16.3	5,458	30.2
Montgomery, AL . . . . .	133	178	187	86	5.2	42.3	0.2	0.7	0.8	1,386	135.0
Moreno Valley, CA . . . . .	(*)	119	155	(X)	13.8	0.7	6.6	22.9	2,418	49.1	
Nashville-Davidson, TN . . . . .	426	456	468	25	6.9	24.3	0.2	1.4	0.9	1,032	473.3
Newark, NJ . . . . .	382	329	275	56	-16.4	58.5	0.2	1.2	26.1	11,554	23.8
New Haven, CT . . . . .	138	126	130	140	3.5	36.1	0.3	2.4	13.2	6,922	18.9
New Orleans, LA . . . . .	593	558	497	24	-10.9	61.9	0.2	1.9	3.5	2,751	180.7
Newport News, VA . . . . .	138	145	170	101	17.4	33.6	0.3	2.3	2.8	2,488	68.3
New York, NY . . . . .	7,896	7,072	7,323	1	3.5	26.7	0.4	7.0	24.4	23,701	309.0
Bronx Borough . . . . .	1,472	1,169	1,204	(X)	(X)	37.3	0.5	3.0	43.5	28,641	42.0
Brooklyn Borough . . . . .	2,602	2,231	2,301	(X)	(X)	37.9	0.3	4.8	20.1	32,620	70.5
Manhattan Borough . . . . .	1,539	1,428	1,486	(X)	(X)	22.0	0.4	7.4	26.0	52,415	28.4
Queens Borough . . . . .	1,987	1,891	1,952	(X)	(X)	21.7	0.4	12.2	19.5	17,939	109.4
Staten Island Borough . . . . .	285	352	379	(X)	(X)	8.1	0.2	4.5	8.0	6,466	58.6
Norfolk, VA . . . . .	308	267	261	62	-2.2	39.1	0.4	2.6	2.9	4,859	53.8
Oakland, CA . . . . .	362	339	372	39	9.7	43.9	0.6	14.8	13.9	6,640	56.1
Oceanside, CA . . . . .	40	77	128	143	67.4	7.9	0.7	6.1	22.6	3,157	40.7
Oklahoma City, OK . . . . .	368	404	445	29	10.1	16.0	4.2	2.4	5.0	731	608.2
Omaha, NE . . . . .	347	314	336	48	7.0	13.1	0.7	1.0	3.1	3,336	100.7
Ontario, CA . . . . .	64	89	133	136	49.9	7.3	0.7	3.9	41.7	3,624	36.8
Orange, CA . . . . .	77	91	111	169	21.0	1.4	0.5	7.9	22.8	4,741	23.3
Orlando, FL . . . . .	99	128	165	105	28.4	26.9	0.3	1.6	8.7	2,448	67.3
Overland Park, KS . . . . .	78	82	112	165	36.7	1.8	0.3	1.9	2.0	2,007	55.7

See footnotes at end of table.

# Principal Cities

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## No. 38. Cities With 100,000 or More Inhabitants in 1990—Population, 1970 to 1990, and Land Area, 1990—Continued

[See headnote, p. 35]

CITY	POPULATION								Land area, <sup>3</sup> 1990 (square miles)	
	1970, total, <sup>1</sup> (1,000)	1990, total, <sup>1</sup> (1,000)	1990							
			Total (1,000)	Rank	Per- cent change, 1980- 90	Percent—				
			Black	American Indian, Eskimo Aleut	Asian, Pacific Islander	His- panic, <sup>2</sup>				
Oxnard, CA	71	108	142	123	31.4	5.2	0.8	8.6	54.4	5,819
Paradise, NV	24	65	125	150	47.0	4.9	0.6	4.0	10.5	2,616
Pasadena, CA	113	118	132	139	11.4	19.0	0.4	8.1	27.3	5,724
Pasadena, TX	90	113	119	154	6.0	1.0	0.5	1.6	28.8	2,727
Paterson, NJ	145	138	141	126	-2.1	36.0	0.3	1.4	41.0	16,693
Peoria, IL	127	124	114	161	-8.6	20.9	0.2	1.7	1.6	2,776
Philadelphia, PA	1,949	1,688	1,586	5	-6.1	39.9	0.2	2.7	5.6	11,734
Phoenix, AZ	584	790	983	9	24.5	5.2	1.9	1.7	20.0	2,342
Pittsburgh, PA	520	424	370	40	-12.8	25.8	0.2	1.6	0.9	6,649
Plano, TX	18	72	129	142	77.9	4.1	0.3	4.0	6.2	1,943
Pomona, CA	87	93	132	138	42.0	14.4	0.6	6.7	51.3	5,770
Portland, OR	380	368	437	30	18.8	7.7	1.2	5.3	3.2	3,508
Portsmouth, VA	111	105	104	191	-0.6	47.3	0.3	0.8	1.3	3,135
Providence, RI	179	157	161	108	-2.5	14.8	0.9	5.9	15.5	8,707
Raleigh, NC	123	150	208	75	38.4	27.6	0.3	2.5	1.4	2,360
Rancho Cucamonga, CA	(*)	55	101	196	83.5	5.9	0.6	5.4	20.0	2,682
Reno, NV	73	101	134	134	32.8	2.9	1.4	4.9	11.1	2,328
Richmond, VA	249	219	203	76	-7.4	55.2	0.2	0.9	0.9	3,377
Riverside, CA	140	171	227	68	32.8	7.4	0.8	5.2	26.0	2,916
Rochester, NY	295	242	232	66	-4.2	31.5	0.5	1.8	8.7	6,474
Rockford, IL	147	140	139	130	-0.2	15.0	0.3	1.5	4.2	3,100
Sacramento, CA	257	276	369	41	34.0	15.3	1.2	15.0	16.2	3,836
St. Louis, MO	622	453	397	34	-12.4	47.5	0.2	0.9	1.3	6,405
St. Paul, MN	310	270	272	57	0.7	7.4	1.4	7.1	4.2	5,157
St. Petersburg, FL	216	239	239	65	(-Z)	19.6	0.2	1.7	2.6	4,032
Salem, OR	69	89	108	182	21.0	1.5	1.6	2.4	6.1	2,595
Salinas, CA	59	80	109	177	35.2	3.0	0.9	8.1	50.6	5,839
Salt Lake City, UT	176	163	160	109	-1.9	1.7	1.6	4.7	9.7	1,467
San Antonio, TX	654	786	936	10	19.1	7.0	0.4	1.1	55.6	2,810
San Bernardino, CA	107	119	164	106	38.2	16.0	1.0	4.0	2,980	333.0
San Diego, CA	697	876	1,111	6	26.8	9.4	0.6	11.8	20.7	3,428
San Francisco, CA	716	679	724	14	6.6	10.9	0.5	29.1	13.9	15,502
San Jose, CA	460	629	782	11	24.3	4.7	0.7	19.5	26.6	4,568
Santa Ana, CA	156	204	294	52	44.0	2.6	0.5	9.7	65.2	10,843
Santa Clarita, CA	(*)	111	170	(X)	1.5	0.6	4.2	13.4	2,733	40.5
Santa Rosa, CA	50	83	113	162	37.1	1.8	1.2	3.4	9.5	3,362
Savannah, GA	118	142	138	131	-2.9	51.3	0.2	1.1	1.4	2,198
Scottsdale, AZ	68	89	130	141	46.8	0.8	0.6	1.2	4.8	706
Seattle, WA	531	494	516	21	4.5	10.1	1.4	11.8	3.6	6,154
Shreveport, LA	182	206	199	77	-4.1	44.8	0.2	0.5	1.1	2,013
Simi Valley, CA	60	78	100	200	29.3	1.5	0.6	5.5	12.7	3,034
Sioux Falls, SD	72	81	101	199	23.9	0.7	1.6	0.7	0.6	2,238
South Bend, IN	126	110	106	187	-3.8	20.9	0.4	0.9	3.4	2,897
Spokane, WA	171	171	177	94	3.4	1.9	2.0	2.1	2.1	3,169
Springfield, IL	92	100	105	188	5.2	13.0	0.2	1.0	0.8	2,474
Springfield, MA	164	152	157	112	3.1	19.2	0.2	1.0	16.9	4,890
Springfield, MO	120	133	140	128	5.5	2.5	0.7	0.9	1.0	2,068
Stamford, CT	109	102	108	181	5.5	17.8	0.1	2.6	9.8	2,865
Sterling Heights, MI	61	109	118	156	8.1	0.4	0.2	2.9	1.1	3,215
Stockton, CA	110	150	211	74	42.3	9.6	1.0	22.8	25.0	4,013
Sunnyvale, CA	96	107	117	157	10.0	3.4	0.5	19.3	13.2	5,353
Syracuse, NY	197	170	164	107	-3.7	20.3	1.3	2.2	2.9	6,528
Tacoma, WA	154	159	177	95	11.5	11.4	2.0	6.9	3.8	3,677
Tallahassee, FL	73	82	125	149	53.0	29.1	0.2	1.8	3.0	1,972
Tampa, FL	278	272	280	55	3.1	25.0	0.3	1.4	15.0	2,577
Tempe, AZ	64	107	142	124	32.7	3.2	1.3	4.1	10.9	3,590
Thousand Oaks, CA	36	77	104	190	35.4	1.2	0.4	4.8	9.6	2,106
Toledo, OH	383	355	393	49	-6.1	19.7	0.3	1.0	4.0	4,132
Topeka, KS	125	119	120	153	1.0	10.6	1.3	0.8	5.8	2,173
Torrance, CA	135	130	133	137	2.5	1.5	0.4	21.9	10.1	6,487
Tucson, AZ	263	331	405	33	22.6	4.3	1.6	2.2	29.3	2,594
Tulsa, OK	330	361	367	43	1.8	13.6	4.7	1.4	2.6	2,001
Vallejo, CA	72	80	109	175	36.0	21.2	0.7	23.0	10.8	3,613
Virginia Beach, VA	172	262	393	37	49.9	13.9	0.4	4.3	3.1	1,583
Waco, TX	95	101	104	192	2.3	23.1	0.3	0.9	16.3	1,367
Warren, MI	179	161	145	120	-10.1	0.7	0.5	1.3	1.1	4,226
Washington, DC	757	638	607	19	-4.9	65.8	0.2	1.8	5.4	9,883
Waterbury, CT	106	103	109	176	5.5	13.0	0.3	0.7	13.4	3,815
Wichita, KS	277	280	304	51	8.6	11.3	1.2	2.6	5.0	2,640
Winston-Salem, NC	134	132	143	121	8.8	39.3	0.2	0.8	0.9	2,018
Worcester, MA	177	162	170	102	4.9	4.5	0.3	2.8	9.6	4,520
Yonkers, NY	204	195	188	84	-3.7	14.1	0.2	3.0	16.7	10,403

X Not applicable. Z Less than .05 percent. <sup>1</sup> Population totals include corrections made after tabulations were completed. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> As of January 1. <sup>4</sup> Anchorage city consolidated with Anchorage Borough September 15, 1975. <sup>5</sup> Data represent the census designated place as delineated by State and local authorities.

<sup>a</sup> Not incorporated. <sup>b</sup> Lexington and Fayette County consolidated January 1, 1974.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, chapters A and B; *1980 Census of Population*, vol. 1, chapters A and B; *1990 Census of Population and Housing, Summary Population and Housing Characteristics*, (CPH-1).

## Population

## No. 39. Population 65 Years Old and Over, by Age Group and Sex: 1970 to 1991

[As of April 1, except 1991, as of July 1]

AGE GROUP AND SEX	NUMBER (1,000)				PERCENT DISTRIBUTION			
	1970	1980	1990	1991	1970	1980	1990	1991
Persons 65 yrs. and over.....	19,980	25,549	31,079	31,754	100.0	100.0	100.0	100.0
65 to 69 years old.....	6,998	8,782	10,066	10,037	35.0	34.3	32.4	31.6
70 to 74 years old.....	5,449	6,798	8,242	8,242	27.3	26.6	25.7	26.0
75 to 79 years old.....	3,838	4,794	6,103	6,279	19.2	18.8	19.6	19.8
80 to 84 years old.....	2,286	2,935	3,909	4,035	11.4	11.5	12.6	12.7
85 years old and over.....	1,409	2,240	3,021	3,160	7.1	8.8	9.7	10.0
Males, 65 yrs. and over.....	8,369	10,305	12,493	12,791	100.0	100.0	100.0	100.0
65 to 69 years old.....	3,125	3,903	4,508	4,491	37.3	37.8	36.1	35.1
70 to 74 years old.....	2,317	2,854	3,399	3,531	27.7	27.7	27.2	27.6
75 to 79 years old.....	1,562	1,848	2,389	2,482	18.7	18.0	19.1	19.4
80 to 84 years old.....	876	1,019	1,356	1,406	10.5	9.9	10.9	11.0
85 years old and over.....	489	682	841	881	5.8	6.6	6.7	6.9
Females, 65 yrs. and over.....	11,610	15,245	18,586	18,962	100.0	100.0	100.0	100.0
65 to 69 years old.....	3,873	4,880	5,558	5,546	33.4	31.9	29.9	29.2
70 to 74 years old.....	3,132	3,945	4,580	4,712	27.0	25.9	24.6	24.8
75 to 79 years old.....	2,276	2,946	3,714	3,797	19.6	19.3	20.0	20.0
80 to 84 years old.....	1,410	1,916	2,553	2,629	12.1	12.6	13.7	13.9
85 years old and over.....	919	1,559	2,180	2,279	7.9	10.3	11.7	12.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 917 and 1045; *1990 Census of Population and Housing Data Paper Listing* (CPH-L-74); and unpublished data.

## No. 40. Persons 65 Years Old and Over—Characteristics, by Sex: 1970 to 1990

[As of March, except as noted. Covers civilian noninstitutional population, except 1970 includes institutional population. See headnote, table 41]

CHARACTERISTIC	TOTAL				MALE				FEMALE			
	1970	1980	1985	1990	1970	1980	1985	1990	1970	1980	1985	1990
Total <sup>1</sup> (million).....	19.9	24.2	26.8	29.6	8.3	9.9	11.0	12.3	11.5	14.2	15.8	17.2
White (million).....	18.2	21.9	24.2	26.5	7.6	9.0	9.9	11.0	10.6	12.9	14.3	15.4
Black (million).....	1.5	2.0	2.2	2.5	0.7	0.8	0.9	1.0	0.9	1.2	1.3	1.5
Percent below poverty level <sup>2</sup> .....	25.3	15.2	12.4	11.4	20.2	11.1	8.7	7.8	29.2	17.9	15.0	13.9
PERCENT DISTRIBUTION												
Marital status:												
Single.....	7.6	5.5	5.2	4.6	7.5	4.9	5.3	4.2	7.7	5.9	5.1	4.9
Married.....	51.3	55.4	55.2	56.1	73.1	78.0	77.2	76.5	36.6	39.5	39.9	41.4
Spouse present.....	49.0	53.6	53.4	54.1	69.9	76.1	75.0	74.2	33.9	37.9	38.3	39.7
Spouse absent.....	2.3	1.8	1.8	2.0	3.2	1.9	2.2	2.3	2.3	1.7	1.6	1.7
Widowed.....	38.8	35.7	35.6	34.2	17.1	13.5	13.8	14.2	54.4	51.2	50.7	48.6
Divorced.....	2.3	3.5	4.0	5.0	2.3	3.6	3.7	5.0	2.3	3.4	4.3	5.1
Family status:												
In families <sup>3</sup> .....	67.1	67.6	67.3	66.7	79.2	83.0	82.4	81.9	58.5	56.8	56.7	55.8
Nonfamily householders.....	26.6	31.2	31.1	31.9	14.9	15.7	15.4	16.6	35.2	42.0	42.1	42.8
Secondary individuals.....	2.1	1.2	1.6	1.4	2.4	1.3	2.2	1.5	1.9	1.1	1.1	1.4
Residents of institutions.....	4.1	(NA)	(NA)	(NA)	3.6	(NA)	(NA)	4.4	(NA)	(NA)	(NA)	(NA)
Living arrangements:												
Living in household.....	95.2	99.8	99.6	99.7	95.5	99.9	99.5	99.9	95.0	99.7	99.6	99.5
Living alone.....	25.5	30.3	30.2	31.0	14.1	14.9	14.7	15.7	33.8	41.0	41.1	42.0
Spouse present.....	49.0	53.6	53.4	54.1	69.9	76.1	75.0	74.3	33.9	37.9	38.3	39.7
Living with someone else.....	20.7	15.9	15.9	14.6	11.5	8.9	9.8	9.9	27.4	20.8	20.2	17.8
Not in household <sup>4</sup> .....	4.8	0.2	0.4	0.3	4.5	0.1	0.5	0.1	5.0	0.3	0.4	0.5
Years of school completed:												
8 years or less.....	58.3	43.1	35.4	28.5	61.5	45.3	37.2	30.0	56.1	41.6	34.1	27.5
1 to 3 years of high school.....	13.4	16.2	16.5	16.1	12.6	15.5	15.7	15.7	13.9	16.7	17.0	16.4
4 years of high school.....	15.7	24.0	29.0	32.9	12.5	21.4	26.4	29.0	18.1	25.8	30.7	35.6
1 to 3 years of college.....	6.2	8.2	9.8	10.9	5.6	7.5	9.1	10.8	6.7	8.6	10.3	11.0
4 years or more of college.....	6.3	8.6	9.4	11.6	7.9	10.3	11.5	14.5	5.2	7.4	8.0	9.5
Labor force participation: <sup>5</sup>												
Employed.....	16.4	12.2	10.4	11.5	25.9	18.4	15.3	15.9	9.4	7.8	7.0	8.4
Unemployed.....	0.5	0.4	0.3	0.4	0.9	0.6	0.5	0.5	0.3	0.3	0.2	0.3
Not in labor force.....	83.0	87.5	89.2	88.1	73.2	81.0	84.2	83.6	90.3	91.9	92.7	91.3

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Poverty status based on income in preceding year. <sup>3</sup> Beginning 1980, excludes those living in unrelated subfamilies. <sup>4</sup> In institutions (1970) and other group quarters. <sup>5</sup> Annual averages of monthly figures. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 450 and earlier reports; series P-23, No. 59; and series P-60, No. 168 and earlier reports; and unpublished data.

# Profiles of White and Black Populations

39

## No. 41. Social and Economic Characteristics of the White and Black Populations: 1980 to 1991

[As of March, except labor force status, annual average. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1, and Appendix III.]

CHARACTERISTIC	NUMBER (1,000)										PERCENT DISTRIBU- TION, 1991	
	All races <sup>1</sup>			White			Black			White	Black	
	1980	1990	1991	1980	1990	1991	1980	1990	1991			
Total persons . . . . .	223,160	246,191	248,888	191,905	206,983	208,754	26,033	30,392	30,895	100.0	100.0	
Under 5 years old . . . . .	16,319	18,932	19,299	13,307	15,161	15,357	2,444	2,932	3,069	7.4	9.9	
5 to 14 years old . . . . .	34,979	35,467	36,067	28,828	28,405	28,829	5,190	5,546	5,628	13.8	18.2	
15 to 44 years old . . . . .	103,493	115,690	116,395	88,570	96,656	97,075	12,247	14,660	14,809	46.5	47.9	
45 to 64 years old . . . . .	44,174	46,536	47,031	39,302	40,282	40,594	4,112	4,766	4,842	19.4	15.7	
65 years old and over . . . . .	24,194	29,566	30,093	21,898	26,479	26,898	2,040	2,487	2,547	12.9	8.2	
YEARS OF SCHOOL COMPLETED												
Persons 25 years old and over . . . . .	130,408	156,538	158,694	114,763	134,687	138,299	12,927	16,751	17,096	100.0	100.0	
Elementary: 0 to 8 years . . . . .	22,817	17,591	16,849	18,739	14,131	13,527	3,559	2,701	2,807	9.9	15.2	
High school: 1 to 3 years . . . . .	18,086	17,461	17,379	15,064	14,080	13,882	2,748	2,969	3,085	10.2	18.0	
4 years . . . . .	47,934	60,119	61,272	43,149	52,449	53,250	3,980	6,299	6,448	39.1	37.7	
College: 1 to 3 years . . . . .	19,379	28,075	29,169	17,350	24,350	25,358	1,618	2,952	2,990	18.6	17.5	
4 years or more . . . . .	22,193	33,291	34,025	20,460	28,677	30,283	1,024	1,890	1,966	22.2	11.5	
LABOR FORCE STATUS <sup>2</sup>												
Civilians 16 years old and over . . . . .	167,745	188,049	189,765	146,122	180,415	181,511	17,824	21,300	21,615	100.0	100.0	
Civilian labor force . . . . .	106,940	124,787	125,303	93,600	101,277	107,486	10,885	13,493	13,542	66.6	62.6	
Employed . . . . .	99,303	117,914	116,877	87,715	102,087	101,039	9,313	11,966	11,863	62.6	54.9	
Unemployed . . . . .	7,637	6,874	8,426	5,884	5,091	6,447	1,553	1,527	1,670	4.0	7.8	
Unemployment rate <sup>3</sup> . . . . .	7.1	5.5	6.7	6.3	4.7	6.0	14.3	11.3	12.4	(X)	(X)	
Not in labor force . . . . .	60,806	63,262	64,462	52,523	53,237	54,025	6,959	7,808	8,074	33.4	37.4	
FAMILY TYPE												
Total families . . . . .	59,550	66,090	66,322	52,243	58,590	56,803	6,184	7,470	7,471	100.0	100.0	
With own children <sup>4</sup> . . . . .	31,022	32,289	32,401	26,474	26,718	26,794	3,820	4,378	4,380	47.2	58.6	
Married couple . . . . .	49,112	52,317	52,147	44,751	46,981	47,014	3,433	3,750	3,569	82.8	47.8	
With own children <sup>4</sup> . . . . .	24,961	24,537	24,397	22,415	21,579	21,531	1,927	1,972	1,884	37.9	25.2	
Female householder, no spouse present . . . . .	8,705	10,890	11,268	6,052	7,306	7,512	2,495	3,275	3,430	13.2	45.9	
With own children <sup>4</sup> . . . . .	5,445	6,599	6,823	3,558	4,199	4,337	1,793	2,232	2,294	7.6	30.7	
Male householder, no spouse present . . . . .	1,793	2,884	2,907	1,441	2,303	2,276	256	446	472	4.0	6.3	
With own children <sup>4</sup> . . . . .	618	1,153	1,181	500	939	925	99	173	202	1.6	2.7	
FAMILY INCOME IN PREVIOUS YEAR IN CONSTANT (1990) DOLLARS												
Total families . . . . .	59,550	66,090	66,322	52,243	58,590	56,803	6,184	7,470	7,471	100.0	100.0	
Less than \$5,000 . . . . .	1,595	2,239	2,367	1,023	1,376	1,424	463	787	857	2.5	11.5	
\$5,000 to \$9,999 . . . . .	3,425	3,892	3,871	2,403	2,673	2,668	949	1,050	1,056	4.7	14.1	
\$10,000 to \$14,999 . . . . .	4,533	5,065	4,973	3,593	3,955	3,985	852	942	843	7.0	11.3	
\$15,000 to \$24,999 . . . . .	10,201	10,473	10,847	8,670	8,745	9,111	1,342	1,447	1,455	16.0	19.5	
\$25,000 to \$34,999 . . . . .	9,956	10,521	10,716	8,915	9,209	9,379	866	1,030	1,047	16.5	14.0	
\$35,000 to \$49,999 . . . . .	13,535	13,018	13,301	12,361	11,627	11,794	929	1,053	1,122	20.8	15.0	
\$50,000 or more . . . . .	16,365	20,892	20,247	15,278	19,005	18,442	762	1,162	1,090	32.5	14.5	
Median income (dol.) <sup>5</sup> . . . . .	35,262	36,062	35,353	36,796	37,919	36,915	20,836	21,301	21,423	(X)	(X)	
POVERTY <sup>6</sup>												
Families below poverty level . . . . .	5,461	6,784	7,098	3,581	4,409	4,622	1,722	2,077	2,193	8.1	29.3	
Persons below poverty level . . . . .	26,072	31,528	33,585	17,214	20,785	22,326	8,050	9,302	9,837	10.7	31.9	
HOUSING TENURE												
Total occupied units . . . . .	80,776	93,347	94,312	70,766	80,163	80,968	8,586	10,486	10,671	100.0	100.0	
Owner-occupied . . . . .	54,881	59,846	60,395	49,913	54,094	54,527	4,173	4,445	4,526	67.3	42.4	
Renter-occupied . . . . .	24,421	31,895	32,218	19,581	24,685	24,976	4,257	5,862	5,945	30.8	55.7	
No cash rent . . . . .	1,464	1,606	1,698	1,272	1,384	1,466	156	178	200	1.8	1.9	

X Not applicable. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Source: U.S. Bureau of Labor Statistics, Employment and Earnings, January issues. <sup>3</sup> Total unemployment as percent of civilian labor force. <sup>4</sup> Children under 18 years old. <sup>5</sup> For definition of median, see Guide to Tabular Presentation. <sup>6</sup> For explanation of poverty level, see text, section 14.

Source: Except as noted, U.S. Bureau of the Census, Current Population Reports, series P-20, No. 448; series P-60, Nos. 174 and 175; and unpublished data.

## Population

**No. 42. Social and Economic Characteristics of the Asian and Pacific Islander Population: 1991**

[As of March. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III]

CHARACTERISTIC	Number (1,000)	Percent distribution	CHARACTERISTIC	Number (1,000)	Percent distribution			
<b>Total persons</b> . . . . .	<b>7,023</b>	<b>100.0</b>	<b>FAMILY TYPE AND INCOME IN 1990</b>					
Under 5 years old . . . . .	606	8.6	<b>Total families</b> . . . . .	<b>1,536</b>	<b>100.0</b>			
5 to 14 years old . . . . .	1,170	16.7	Married couple . . . . .	1,230	80.1			
15 to 44 years old . . . . .	3,494	49.8	Female householder, no spouse present . . . . .	194	12.7			
45 to 64 years old . . . . .	1,240	17.6	Male householder, no spouse present . . . . .	112	7.3			
65 years old and over . . . . .	514	7.3	Less than \$5,000 . . . . .	60	3.9			
YEARS OF SCHOOL COMPLETED								
<b>Persons 25 years old and over</b> . . . . .	<b>4,158</b>	<b>100.0</b>	\$5,000 to \$9,999 . . . . .	70	4.6			
Elementary: 0 to 8 years . . . . .	515	12.4	\$10,000 to \$14,999 . . . . .	88	5.7			
High school: 1 to 3 years . . . . .	243	5.8	\$15,000 to \$24,999 . . . . .	193	12.5			
4 years . . . . .	1,186	28.5	\$25,000 to \$34,999 . . . . .	197	12.8			
College: 1 to 3 years . . . . .	591	14.2	\$35,000 to \$49,999 . . . . .	303	19.7			
4 years or more . . . . .	1,623	39.0	\$50,000 or more . . . . .	626	40.7			
LABOR FORCE STATUS								
<b>Civilians 16 years old and over</b> . . . . .	<b>5,121</b>	<b>100.0</b>	Median income (dol.) <sup>2</sup> . . . . .	42,245	(X)			
Civilian labor force . . . . .	3,261	63.7	POVERTY <sup>3</sup>					
Employed . . . . .	3,054	59.6	Families below poverty level . . . . .	169	11.0			
Unemployed . . . . .	207	4.0	Persons below poverty level . . . . .	858	12.2			
Unemployment rate <sup>1</sup> . . . . .	6.3	(X)	HOUSING TENURE					
Not in labor force . . . . .	1,860	36.3	<b>Total occupied units</b> . . . . .	<b>1,958</b>	<b>100.0</b>			
			Owner-occupied . . . . .	995	50.8			
			Renter-occupied . . . . .	947	48.4			
			No cash rent . . . . .	15	0.8			

X Not applicable. <sup>1</sup> Total unemployment as percent of civilian labor force. <sup>2</sup> For definition of median, see Guide to Tabular Presentation. <sup>3</sup> For explanation of poverty level, see text, section 14.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 459.

**No. 43. American Indian, Eskimo, or Aleut Population—Population Living Inside and Outside Identified Areas, and Households, by Type: 1990**

[In thousands. As of April 1. Households are based on race of householder]

IDENTIFIED AREA AND HOUSEHOLD TYPE	Total <sup>1</sup>	Oklahoma	California	Arizona	New Mexico	Alaska	Washington
<b>Total population</b> . . . . .	<b>1,959</b>	<b>252</b>	<b>242</b>	<b>204</b>	<b>134</b>	<b>86</b>	<b>81</b>
Inside identified areas . . . . .	739	207	14	142	88	48	22
American Indian areas . . . . .	692	207	14	142	88	1	22
Reservations <sup>2</sup> . . . . .	411	6	13	142	68	1	21
Trust lands . . . . .	26	(X)	(Z)	(Z)	19	(X)	1
Tribal Jurisdiction Statistical Areas <sup>4</sup> . . . . .	201	201	(X)	(X)	(X)	(X)	(X)
Tribal Designated Statistical Areas <sup>5</sup> . . . . .	54	(X)	(X)	(X)	(X)	(X)	(X)
Alaska Native Village Statistical Areas <sup>6</sup> . . . . .	47	(X)	(X)	(X)	(X)	47	(X)
Outside identified areas . . . . .	1,220	45	229	61	47	37	60
<b>Total households</b> . . . . .	<b>591</b>	<b>78</b>	<b>79</b>	<b>50</b>	<b>33</b>	<b>22</b>	<b>25</b>
Family households . . . . .	442	59	56	41	28	16	18
Married couple family . . . . .	284	43	37	24	16	10	11
With related children . . . . .	179	25	21	18	13	7	6
With no related children . . . . .	104	18	15	6	4	2	4
Male householder, no spouse present . . . . .	37	3	5	4	3	2	2
With related children . . . . .	25	2	3	3	2	1	1
With no related children . . . . .	12	1	2	1	1	1	(Z)
Female householder, no spouse present . . . . .	121	13	15	13	8	5	6
With related children . . . . .	94	9	11	10	6	4	5
With no related children . . . . .	27	3	4	3	2	1	1
Nonfamily households . . . . .	149	19	23	9	6	6	7
One person households . . . . .	116	16	16	7	5	5	5
Two or more person households . . . . .	33	2	7	2	1	1	2

X Not applicable. Area not located within this State. Z Fewer than 500. <sup>1</sup> Includes other States not shown separately. <sup>2</sup> Federal American Indian reservations are areas with boundaries established by treaty, statute, and/or executive or court order, and recognized by the Federal Government as territory in which American Indian tribes have jurisdiction. State reservations are lands held in trust by State governments for the use and benefit of a given tribe. <sup>3</sup> Property associated with a particular American Indian reservation or tribe, held in trust by the Federal Government. These lands are located outside of a reservation boundary.

<sup>4</sup> Areas delineated by federally-recognized tribes in Oklahoma without a reservation, for which the Census Bureau tabulates data. <sup>5</sup> Areas delineated outside Oklahoma by federally- and State- recognized tribes without a land base or associated trust lands, to provide statistical areas for which the Census Bureau tabulates data. <sup>6</sup> Alaska Native villages constitute tribes, bands, clans, groups, villages, communities, or associations in Alaska that are recognized pursuant to the Alaska Native Claims Settlement Act of 1972.

Source: U.S. Bureau of the Census, unpublished data.

## No. 44. Social and Economic Characteristics of the Hispanic Population: 1991

[As of March, except labor force status, annual average. Excludes members of the Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1, and Appendix III]

CHARACTERISTIC	NUMBER (1,000)						PERCENT DISTRIBUTION					
	Hispanic total	Mexican	Puerto Rican	Cuban	Central and South American	Other Hispanic	Hispanic total	Mexican	Puerto Rican	Cuban	Central and South American	Other Hispanic
<b>Total persons</b>	<b>21,437</b>	<b>13,421</b>	<b>2,382</b>	<b>1,055</b>	<b>2,951</b>	<b>1,628</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under 5 years old	2,370	1,592	262	59	318	139	11.1	11.9	11.0	5.6	10.8	8.5
5 to 14 years old	4,006	2,698	478	91	497	242	18.7	20.1	20.1	8.6	16.8	14.9
15 to 44 years old	10,993	6,936	1,178	463	1,612	806	51.3	51.7	49.5	43.9	54.6	49.5
45 to 64 years old	2,976	1,608	352	287	435	295	13.9	12.0	14.8	27.2	14.7	18.1
65 years old and over	1,091	587	112	156	89	146	5.1	4.4	4.7	14.8	3.0	9.0
YEARS OF SCHOOL COMPLETED												
Persons 25 years old and over	11,208	6,518	1,261	784	1,658	986	100.0	100.0	100.0	100.0	100.0	100.0
Elementary: 0 to 8 years	3,761	2,609	306	223	456	166	33.6	40.0	24.3	28.4	27.5	16.8
High school: 1 to 3 years	1,695	1,067	224	83	201	119	15.1	16.4	17.8	10.6	12.1	12.1
4 years	3,285	1,747	416	220	533	370	29.3	26.8	33.0	28.1	32.1	37.5
College: 1 to 3 years	1,379	690	188	113	217	171	12.3	10.6	14.9	14.4	13.1	17.3
4 years or more	1,089	405	127	145	251	160	9.7	6.2	10.1	18.5	15.1	16.2
LABOR FORCE STATUS <sup>1</sup>												
Civilians 16 years old and over	14,770	8,947	1,629	849	(NA)	(NA)	100.0	100.0	100.0	100.0	(NA)	(NA)
Civilian labor force	9,762	5,984	930	543	(NA)	(NA)	66.1	66.9	57.1	64.0	(NA)	(NA)
Employed	8,799	5,363	822	499	(NA)	(NA)	59.6	59.9	50.5	58.8	(NA)	(NA)
Unemployed	963	621	108	44	(NA)	(NA)	6.5	6.9	6.6	5.2	(NA)	(NA)
Unemployment rate <sup>2</sup>	9.9	10.4	11.6	8.1	(NA)	(NA)	(X)	(X)	(X)	(X)	(NA)	(NA)
Not in labor force	5,008	2,963	699	308	(NA)	(NA)	33.9	33.1	42.9	36.0	(NA)	(NA)
FAMILY TYPE												
Total families	4,982	2,945	626	335	667	408	100.0	100.0	100.0	100.0	100.0	100.0
Married couple	3,454	2,164	328	255	441	266	69.3	73.5	52.4	76.1	66.1	65.1
Female householder, no spouse present	1,186	563	271	65	174	112	23.8	19.1	43.3	19.4	26.1	27.5
Male householder, no spouse present	342	218	27	15	52	30	6.9	7.4	4.3	4.5	7.8	7.3
FAMILY INCOME IN 1990												
Total families	4,982	2,945	626	335	667	408	100.0	100.0	100.0	100.0	100.0	100.0
Less than \$5,000	312	167	69	19	35	22	6.3	5.7	11.0	5.7	5.2	5.4
\$5,000 to \$9,999	614	340	142	27	61	44	12.3	11.5	22.7	8.1	9.1	10.8
\$10,000 to \$14,999	629	402	63	30	92	41	12.6	13.7	10.1	9.0	13.8	10.0
\$15,000 to \$24,999	1,082	659	118	59	170	76	21.7	22.4	16.8	17.6	25.4	18.6
\$25,000 to \$34,999	826	520	71	66	105	64	16.6	17.7	11.3	19.7	15.7	15.7
\$35,000 to \$49,999	784	498	76	54	92	65	15.7	16.9	12.1	16.1	13.8	15.9
\$50,000 or more	734	359	88	80	111	96	14.7	12.2	14.1	23.9	16.6	23.5
Median income (dol.) <sup>3</sup>	23,431	23,240	18,008	31,439	23,445	27,382	(X)	(X)	(X)	(X)	(X)	(X)
Families below poverty level <sup>4</sup>	1,244	736	235	46	148	79	25.0	25.0	37.5	13.8	22.2	19.4
Persons below poverty level <sup>4</sup>	6,006	3,764	966	178	748	350	28.1	28.1	40.6	16.9	25.4	21.5
HOUSING TENURE												
Total occupied units	6,220	3,804	805	425	809	576	100.0	100.0	100.0	100.0	100.0	100.0
Owner-occupied	2,423	1,568	188	201	180	286	39.0	43.5	23.4	47.3	22.2	49.6
Renter-occupied <sup>5</sup>	3,797	2,036	617	224	630	290	61.0	56.5	76.6	52.5	77.8	50.3

<sup>1</sup> NA Not available. <sup>2</sup> X Not applicable. <sup>3</sup> Source: U.S. Bureau of Labor Statistics, Employment and Earnings, January 1992. <sup>4</sup> For explanation of poverty level, see text, section 14. <sup>5</sup> Includes no cash rent.

Source: Except as noted, U.S. Bureau of the Census, Current Population Reports, P-60, No. 174 and P-20, No. 455.

## Population

**No. 45. Native and Foreign-Born Population, by Place of Birth: 1920 to 1980**

[In thousands, except percent. 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent sample. 1980 data are based on a sample from the 1980 census; see text, section 1. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series C 1-10.]

YEAR	Total population	NATIVE POPULATION						FOREIGN-BORN		
		Total	Born in State of residence	Born in other States		State of birth not reported	Born in outlying areas	Born abroad or at sea of American parents	Number	Percent of total population
				Number	Percent of native population					
1920	106,022	2 <sup>92,001</sup>	71,071	20,274	22.1	314	38	93	14,020	13.2
1930	123,203	2 <sup>108,019</sup>	82,678	25,388	23.4	238	136	131	14,283	11.6
1940	132,165	2 <sup>120,508</sup>	92,610	26,906	22.4	280	157	122	11,657	8.8
1950	150,845	2 <sup>140,413</sup>	102,788	35,284	25.2	1,370	330	96	10,431	6.9
1960	179,326	169,588	119,293	44,691	26.4	4,541	660	402	9,738	5.4
1970	203,210	193,591	131,718	50,639	26.2	8,973	891	1,370	9,619	4.7
1980	226,546	212,466	144,871	65,452	30.8	( <sup>3</sup> )	1,088	1,055	14,080	6.2

<sup>1</sup> 1920-50, includes Alaska and Hawaii. Includes Puerto Rico. <sup>2</sup> Includes some persons born abroad of American parents, not shown separately. <sup>3</sup> Place of birth was allocated to those who did not report.

**No. 46. Foreign-Born Population, by Place of Birth: 1980 and 1990**

[As of April 1. Data for 1990 includes 1,864,285 persons born abroad of American parents. Data for 1980 excludes such persons. Based on a sample and subject to sampling variability, see text, section 1]

PLACE OF BIRTH	1980 (1,000)	1990		PLACE OF BIRTH	1980 (1,000)	1990	
		Number (1,000)	Percent distribution			Number (1,000)	Percent distribution
Total <sup>1</sup>	14,080	21,632	100.0	Thailand	55	120	0.6
Europe <sup>2</sup>	4,743	4,812	22.2	Turkey	52	66	0.3
Austria	146	94	0.4	Vietnam	231	556	2.6
Belgium	36	41	0.2	Canada <sup>2</sup>	843	871	4.0
Czechoslovakia	113	90	0.4	Caribbean <sup>2</sup>	1,258	1,987	9.2
Denmark	43	38	0.2	Antigua-Barbuda	4	12	0.1
Finland	29	24	0.1	Bahamas	14	24	0.1
France	120	163	0.8	Barbados	27	44	0.2
Germany	849	1,163	5.4	Cuba	608	751	3.5
Greece	211	189	0.9	Dominican Republic	169	357	1.7
Hungary	144	112	0.5	Grenada	7	18	0.1
Ireland	198	177	0.8	Haiti	92	229	1.1
Italy	832	640	3.0	Jamaica	197	343	1.6
Latvia	34	26	0.1	Trinidad and Tobago	66	119	0.6
Lithuania	48	30	0.1	Central America <sup>2</sup>	2,553	5,650	26.1
Netherlands	103	104	0.5	Belize	14	31	0.1
Norway	63	46	0.2	Costa Rica	30	48	0.2
Poland	418	397	1.8	El Salvador	94	473	2.2
Portugal	212	219	1.0	Guatemala	63	233	1.1
Romania	67	93	0.4	Honduras	39	115	0.5
Spain	74	104	0.5	Mexico	2,199	4,447	20.6
Sweden	77	57	0.3	Nicaragua	44	172	0.8
Switzerland	43	44	0.2	Panama	61	125	0.6
United Kingdom	669	765	3.5	South America <sup>4</sup>	561	1,107	5.1
Yugoslavia <sup>3</sup>	153	145	0.7	Argentina	69	97	0.5
Soviet Union <sup>3</sup>	406	337	1.6	Bolivia	14	34	0.2
Asia <sup>2</sup>	2,540	5,412	25.0	Brazil	41	94	0.4
Afghanistan	4	29	0.1	Chile	35	61	0.3
Burma	11	20	0.1	Colombia	144	304	1.4
Cambodia	20	120	0.6	Ecuador	86	148	0.7
China	286	543	2.5	Guyana	49	123	0.6
Hong Kong	80	152	0.7	Peru	55	152	0.7
India	206	463	2.1	Uruguay	13	22	0.1
Indonesia	30	50	0.2	Venezuela	33	52	0.2
Iran	122	217	1.0	Africa <sup>2</sup>	200	401	1.9
Iraq	32	46	0.2	Cape Verde	10	15	0.1
Israel	67	97	0.4	Egypt	43	69	0.3
Japan	222	422	2.0	Ethiopia	8	37	0.2
Jordan	22	33	0.2	Ghana	8	22	0.1
Korea	290	663	3.1	Kenya	6	16	0.1
Laos	55	173	0.8	Morocco	10	22	0.1
Lebanon	53	91	0.4	Nigeria	26	58	0.3
Malaysia	10	35	0.2	South Africa	16	38	0.2
Pakistan	31	94	0.4	Oceania <sup>2</sup>	78	122	0.6
Philippines	501	998	4.6	Australia	36	52	0.2
Saudi Arabia	17	17	0.1	Fiji	8	16	0.1
Syria	22	38	0.2	New Zealand	11	18	0.1
Taiwan	75	254	1.2	Tonga	6	11	0.1
				Western Samoa	13	13	0.1

<sup>1</sup> Includes persons whose place of birth was not reported. <sup>2</sup> Includes other areas not shown separately. <sup>3</sup> The former Soviet Union is now referred to as the following geopolitical entities: Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.

<sup>4</sup> Source of tables 45 and 46: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. II, part 2A; *1970*, vol. I, parts C and D; *1980 Census of Population*, vol. I, chapter C (PC80-1-C) and chapter D (PC80-1-D); and *1990 Census of Population and Housing Data Paper Listing* (CPH-L-90).

## No. 47. Population, by Selected Ancestry Group: 1980 and 1990

[As of April 1. Covers persons who reported single and multiple ancestry groups. Persons who reported a multiple ancestry group may be included in more than one category. Major classifications of ancestry groups do not represent strict geographic or cultural definitions. Ancestry data for 1980 are not entirely comparable with 1990 data. Based on a sample and subject to sampling variability; see text, section 1.]

ANCESTRY GROUP	1980 (1,000)	1990		ANCESTRY GROUP	1980 (1,000)	1990	
		Number (1,000)	Percent			Number (1,000)	Percent
European: <sup>1</sup>				Slovene . . . . .	126	124	0.1
Austrian . . . . .	949	871	0.4	Swedish . . . . .	4,345	4,681	1.9
Belgian . . . . .	360	395	0.2	Swiss . . . . .	982	1,045	0.4
British . . . . (X)	1,119	0.4	Ukrainian . . . . .	730	741	0.3	
Croatian . . . . .	253	544	0.2	Welsh . . . . .	1,665	2,034	0.8
Czech . . . . .	1,892	1,300	0.5	Yugoslavian . . . . .	360	258	0.1
Czechoslovakian . . . . (X)	315	0.1	West Indian: <sup>1</sup>				
Danish . . . . .	1,518	1,635	0.7	Haitian . . . . .	90	290	0.1
Dutch . . . . .	6,304	6,227	2.5	Jamaican . . . . .	253	435	0.2
English . . . . .	49,598	32,656	13.1	West Indian . . . (X)	159	0.1	
European . . . . .	175	467	0.2	North Africa and Southwest Asia:			
Finnish . . . . .	616	659	0.3	Arab . . . . .	93	127	0.1
French . . . . .	12,892	10,321	4.1	Armenian . . . . .	213	308	0.1
German . . . . .	49,224	57,986	23.3	Iranian . . . . .	123	236	0.1
Greek . . . . .	960	1,110	0.4	Lebanese . . . . .	295	394	0.2
Hungarian . . . . .	1,777	1,582	0.6	Syrian . . . . .	107	130	0.1
Irish . . . . .	40,166	38,740	15.6	Subsaharan Africa:			
Italian . . . . .	12,184	14,715	5.9	African . . . . .	204	246	0.1
Latvian . . . . .	92	100	(Z)	North America:			
Lithuanian . . . . .	743	812	0.3	Acadian . . . . .	(X)	668	0.3
Norwegian . . . . .	3,454	3,869	1.6	American . . . . .	13,299	12,396	5.0
Polish . . . . .	8,228	9,366	3.8	Canadian . . . . .	456	561	0.2
Portuguese . . . . .	1,024	1,153	0.5	French Canadian . . . . .	780	2,167	0.9
Romanian . . . . .	315	366	0.1	Pennsylvania German . . . (X)	306	0.1	
Russian . . . . .	2,781	2,953	1.2	United States . . . (X)	644	0.3	
Scandinavian . . . . .	475	679	0.3				
Scotch-Irish . . . (X)	5,618	4,997	2.3				
Scottish . . . . .	10,049	5,394	2.2				
Serbian . . . . .	101	117	(Z)				
Slovak . . . . .	777	1,883	0.8				

X Not applicable. Z Less than .05 percent. <sup>1</sup> Excludes Hispanic groups.

Source: U.S. Bureau of the Census, 1980 Census of Population, Supplementary Report, series PC80-S1-10 and 1990 Census of Population and Housing Data Paper Listing (CPH-L-89).

## No. 48. Marital Status of the Population, by Sex and Age: 1991

[As of March. Persons 18 years old and over. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III. See Historical Statistics, Colonial Times to 1970, series A 160-171, for decennial census data]

SEX AND AGE	NUMBER OF PERSONS (1,000)					PERCENT DISTRIBUTION				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
<b>Male . . . . .</b>	<b>87,762</b>	<b>22,925</b>	<b>55,850</b>	<b>2,385</b>	<b>6,602</b>	<b>100.0</b>	<b>26.1</b>	<b>63.6</b>	<b>2.7</b>	<b>7.5</b>
18 to 19 years old . . . . .	3,436	3,320	116	-	1	100.0	96.6	3.4	-	
20 to 24 years old . . . . .	8,839	7,048	1,696	2	93	100.0	79.7	19.2	-	1.1
25 to 29 years old . . . . .	10,331	4,827	4,997	7	500	100.0	46.7	48.4	0.1	4.8
30 to 34 years old . . . . .	10,988	2,999	7,052	13	925	100.0	27.3	64.2	0.1	8.4
35 to 39 years old . . . . .	10,066	1,769	7,202	18	1,077	100.0	17.6	71.5	0.2	10.7
40 to 44 years old . . . . .	8,966	897	6,921	55	1,092	100.0	10.0	77.2	0.6	12.2
45 to 54 years old . . . . .	12,428	920	9,950	123	1,435	100.0	7.4	80.1	1.0	11.5
55 to 64 years old . . . . .	10,161	602	6,326	326	908	100.0	5.9	81.9	3.2	8.9
65 to 74 years old . . . . .	8,156	381	6,594	751	430	100.0	4.7	80.8	9.2	5.3
75 years old and over . . . . .	4,391	161	2,997	1,090	142	100.0	3.7	68.3	24.8	3.2
<b>Female . . . . .</b>	<b>95,833</b>	<b>18,542</b>	<b>56,840</b>	<b>11,289</b>	<b>9,161</b>	<b>100.0</b>	<b>19.3</b>	<b>59.3</b>	<b>11.8</b>	<b>8.6</b>
18 to 19 years old . . . . .	3,479	3,146	317	1	14	100.0	90.4	9.1	-	0.4
20 to 24 years old . . . . .	9,148	5,862	3,035	7	243	100.0	64.1	33.2	0.1	2.7
25 to 29 years old . . . . .	10,436	3,369	6,260	42	764	100.0	32.3	60.0	0.4	7.3
30 to 34 years old . . . . .	11,150	2,086	7,861	82	1,121	100.0	18.7	70.5	0.7	10.0
35 to 39 years old . . . . .	10,313	1,203	7,648	124	1,339	100.0	11.7	74.2	1.2	13.0
40 to 44 years old . . . . .	9,320	818	6,857	185	1,459	100.0	8.8	73.6	2.0	15.7
45 to 54 years old . . . . .	13,258	740	9,738	681	2,100	100.0	5.6	73.4	5.1	15.8
55 to 64 years old . . . . .	11,184	417	7,867	1,704	1,196	100.0	3.7	70.3	15.2	10.7
65 to 74 years old . . . . .	10,081	488	5,370	3,562	661	100.0	4.8	55.4	35.3	6.6
75 years old and over . . . . .	7,484	412	1,885	4,902	264	100.0	5.5	25.3	65.7	3.6

- Represents or rounds to zero.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 461.

## Population

**No. 49. Marital Status of the Population, by Sex, Race, and Hispanic Origin: 1970 to 1991**

[In millions, except percent. As of March, except as noted. Persons 18 years old and over, except as noted. Excludes members of Armed Forces except those living off post or with their families on post. Except as noted, based on Current Population Survey, see text, section 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series A 160-171, for decennial data]

MARITAL STATUS, RACE, AND HISPANIC ORIGIN	TOTAL				MALE				FEMALE			
	1970	1980	1990	1991	1970	1980	1990	1991	1970	1980	1990	1991
Total <sup>1</sup>	132.5	159.5	181.8	183.6	62.5	75.7	86.9	87.8	70.0	83.8	95.0	95.8
Single	21.4	32.3	40.4	41.5	11.8	18.0	22.4	22.9	9.6	14.3	17.9	18.5
Married	95.0	104.6	112.6	112.7	47.1	51.8	55.8	55.9	47.9	52.8	56.7	56.8
Widowed	11.8	12.7	13.8	13.7	2.1	2.0	2.3	2.4	9.7	10.8	11.5	11.3
Divorced	4.3	9.9	15.1	15.8	1.6	3.9	6.3	6.6	2.7	6.0	8.8	9.2
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	16.2	20.3	22.2	22.6	18.9	23.8	25.8	26.1	13.7	17.1	18.9	19.3
Married	71.7	65.5	61.9	61.3	75.3	68.4	64.3	63.6	68.5	63.0	59.7	59.3
Widowed	8.9	8.0	7.6	7.4	3.3	2.6	2.7	2.7	13.9	12.8	12.1	11.8
Divorced	3.2	6.2	8.3	8.6	2.5	5.2	7.2	7.5	3.9	7.1	9.3	9.6
Percent standardized for age: <sup>2</sup>												
Single	14.1	16.5	20.6	21.4	16.5	18.7	23.3	24.0	12.1	14.5	18.2	19.0
Married	74.2	69.3	63.7	63.0	77.6	72.9	66.5	65.5	70.8	65.9	61.2	60.6
Widowed	8.3	7.6	6.9	6.7	3.3	2.7	2.7	2.7	13.0	12.1	10.8	10.4
Divorced	3.4	6.6	8.7	9.0	2.6	5.6	7.6	7.8	4.1	7.6	9.8	10.0
White, total	118.2	139.5	155.5	156.7	55.9	66.7	74.8	75.5	62.2	72.8	80.6	81.2
Single	18.4	26.4	31.6	32.2	10.2	15.0	18.0	18.3	8.2	11.4	13.6	13.9
Married	65.8	93.8	99.5	99.8	42.7	46.7	49.5	49.7	43.1	47.1	49.9	50.1
Widowed	10.3	10.9	11.7	11.5	1.7	1.6	1.9	2.0	8.6	9.3	9.8	9.6
Divorced	3.7	8.3	12.6	13.2	1.3	3.4	5.4	5.6	2.3	5.0	7.3	7.6
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	15.6	18.9	20.3	20.5	18.2	22.5	24.1	24.2	13.2	15.7	16.9	17.1
Married	72.6	67.2	64.0	63.7	76.3	70.0	66.2	65.8	69.3	64.7	61.9	61.8
Widowed	8.7	7.8	7.5	7.4	3.1	2.5	2.6	2.6	13.8	12.8	12.2	11.8
Divorced	3.1	6.0	8.1	8.4	2.4	5.0	7.2	7.4	3.8	6.8	9.0	9.3
Black, total	13.0	16.6	20.3	20.6	5.9	7.4	9.1	9.3	7.1	9.2	11.2	11.4
Single	2.7	5.1	7.1	7.7	1.4	2.5	3.5	3.7	1.2	2.5	3.6	3.9
Married	8.3	8.5	9.3	9.0	3.9	4.1	4.5	4.3	4.4	4.5	4.8	4.7
Widowed	1.4	1.6	1.7	1.8	0.3	0.3	0.3	0.3	1.1	1.3	1.4	1.4
Divorced	0.6	1.4	2.1	2.2	0.2	0.5	0.8	0.9	0.4	0.9	1.3	1.3
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	20.6	30.5	35.1	37.1	24.3	34.3	38.4	40.2	17.4	27.4	32.5	34.5
Married	64.1	51.4	45.8	43.6	66.9	54.6	49.2	46.7	61.7	48.7	43.0	41.0
Widowed	11.0	9.8	8.5	8.6	5.2	4.2	3.7	3.6	15.8	14.3	12.4	12.7
Divorced	4.4	8.4	10.6	10.8	3.6	7.0	8.8	9.5	5.0	9.5	12.0	11.8
Hispanic, <sup>3</sup> total	5.9	7.9	13.6	13.9	2.8	3.8	6.7	6.9	3.0	4.1	6.8	7.0
Single	1.7	1.9	3.7	3.8	0.9	1.0	2.2	2.2	0.8	0.9	1.5	1.6
Married	3.7	5.2	8.4	8.5	1.8	2.5	4.1	4.2	1.9	2.6	4.3	4.3
Widowed	0.3	0.4	0.5	0.6	0.1	0.1	0.1	0.1	0.2	0.3	0.4	0.5
Divorced	0.2	0.5	1.0	1.0	0.1	0.2	0.4	0.4	0.1	0.3	0.6	0.6
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	29.3	24.1	27.2	27.3	32.2	27.3	32.1	32.2	26.5	21.1	22.5	22.4
Married	62.4	65.6	61.7	61.1	63.5	67.1	60.9	60.2	61.5	64.3	62.4	61.9
Widowed	4.9	4.4	4.0	4.3	2.0	1.6	1.5	1.5	7.6	7.1	6.5	7.1
Divorced	3.4	5.8	7.0	7.3	2.3	4.0	5.5	6.0	4.4	7.6	8.5	8.6

<sup>1</sup> Includes persons of other races, not shown separately. <sup>2</sup> 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population. <sup>3</sup> Hispanic persons may be of any race. 1970 data as of April and covers persons 14 years old and over.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Persons of Spanish Origin, PC(2)1C*; and *Current Population Reports*, series P-20, No. 461, and earlier reports.

**No. 50. Divorced Persons per 1,000 Married Persons With Spouse Present, by Sex, Race, and Age: 1970 to 1991**

[As of March, 1970 and 1975, persons 14 years old and over; beginning 1980, 15 years old and over. See headnote, table 49.]

YEAR	Total	Male	Female	SEX AND YEAR	RACE		AGE			
					White	Black	15 to 29 years	30 to 44 years	45 to 64 years	65 years old and over
1970	47	35	60	Male: 1970	32	62	128	33	40	32
1975	69	54	84	1980	74	149	78	104	124	48
1980	100	79	120	1990	112	208	88	146	124	67
1985	128	103	153	1991	117	239	94	155	134	61
1988	133	110	156	Female: 1970	56	104	146	61	66	69
1989	138	114	161	1980	110	258	108	147	112	89
1990	142	118	166	1990	153	358	112	192	180	127
1991	148	124	172	1991	159	370	116	189	198	133

<sup>1</sup> 14 to 29 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461, and earlier reports.

**No. 51. Single (Never-Married) Persons as Percent of Total Population, by Sex and Age: 1970 to 1991**

[As of March. Persons 18 years old and over. Based on Current Population Survey; see headnote, table 48]

AGE	MALE					FEMALE				
	1970	1980	1985	1990	1991	1970	1980	1985	1990	1991
Total . . . . .	18.9	23.8	25.2	25.8	26.1	13.7	17.1	18.2	18.9	19.3
18 to 19 years old . . . . .	92.8	94.3	97.9	96.8	96.6	75.6	82.8	86.7	90.3	90.4
20 to 24 years old . . . . .	54.7	68.8	75.6	79.3	79.7	35.8	50.2	58.5	62.8	64.1
25 to 29 years old . . . . .	19.1	33.1	38.7	45.2	46.7	10.5	20.9	26.4	31.1	32.3
30 to 34 years old . . . . .	9.4	15.9	20.8	27.0	27.3	6.2	9.5	13.5	16.4	18.7
35 to 39 years old . . . . .	7.2	7.8	10.1	14.7	17.6	5.4	6.2	8.1	10.4	11.7
40 to 44 years old . . . . .	6.3	7.1	8.6	10.5	10.0	4.9	4.8	5.3	8.0	8.8
45 to 54 years old . . . . .	7.5	6.1	6.3	6.3	7.4	4.9	4.7	4.6	5.0	5.6
55 to 64 years old . . . . .	7.8	5.3	6.1	5.8	5.9	6.8	4.5	3.7	3.9	3.7
65 years old and over . . . . .	7.5	4.9	5.3	4.2	4.3	7.7	5.9	5.1	4.9	5.1
65 to 74 years old . . . . .	8.0	5.2	5.2	4.7	4.7	7.8	5.6	4.4	4.6	4.8
75 years old and over . . . . .	6.6	4.2	5.3	3.4	3.7	7.5	6.3	6.2	5.4	5.5

**No. 52. Unmarried Couples, by Selected Characteristics, 1980 to 1991, and by Marital Status of Partners, 1991**

[In thousands. As of March. An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household. See headnote, table 56]

PRESENCE OF CHILDREN AND AGE OF HOUSEHOLDER	1980	1985	1990	1991	MARITAL STATUS OF MALE	Total	MARITAL STATUS OF FEMALE			
							Never mar- ried	Di- vorced	Wid- owed	Mar- ried, hus- band ab- sent
Unmarried couples . . .	1,589	1,983	2,856	3,039	Total, 1991 . . . . .	3,039	1,658	1,022	184	175
No children under 15 yr . . .	1,159	1,380	1,966	2,077	Never married . . . . .	1,682	1,219	337	53	75
Some children under 15 yr . . .	431	603	891	962	Divorced . . . . .	1,075	357	593	73	53
Under 25 yr. old . . . . .	411	425	596	587	Widowed . . . . .	95	19	25	48	4
25 to 44 yr. old . . . . .	837	1,203	1,775	1,858	Married, wife absent . . . . .	185	63	67	9	45
45 to 64 yr. old . . . . .	221	239	358	453						
65 yr. old and over . . . . .	119	116	127	141						

Source of tables 51 and 52: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461, and earlier reports.

**No. 53. Black-White Married Couples: 1980 to 1991**

[As of March. Persons 15 years old and over. Based on Current Population Survey; see headnote, table 48]

ITEM	NUMBER (1,000)			PERCENT		
	1980	1990	1991	1980	1990	1991
Total married couples . . . . .	49,714	53,256	53,227	100.0	100.0	100.0
Black-White married couples, total . . . . .	167	211	231	0.3	0.4	0.4
Husband Black, wife White . . . . .	122	150	156	0.2	0.3	0.3
Wife Black, husband White . . . . .	45	61	75	0.1	0.1	0.1

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458 and earlier reports.

**No. 54. Married-Couple Households, by Hispanic Origin Status of Husband and Wife: 1991**

[In thousands. As of March. Based on Current Population Survey; see headnote, table 56]

ORIGIN OF HUSBAND	Total population	ORIGIN OF WIFE						
		Hispanic					Central and South American	
		Total	Mexican	Puerto Rican	Cuban	Other Hispanic		
Total, all persons . . . . .	52,147	3,545	2,205	324	216	508	291	48,602
Hispanic origin, total . . . . .	3,462	2,930	1,893	261	185	408	183	531
Mexican . . . . .	2,167	1,882	1,840	7	3	26	7	285
Puerto Rican . . . . .	328	269	11	232	6	12	8	58
Cuban . . . . .	255	214	8	7	170	24	6	41
Central and South American . . . . .	442	379	24	8	5	341	2	63
Other Hispanic origin . . . . .	270	186	11	7	2	6	180	84
Not of Hispanic origin . . . . .	48,685	614	312	63	31	100	108	48,071

Source: U.S. Bureau of the Census, unpublished data.

## Population

## No. 55. Householder and Marital Status of Population, 15 Years Old and Over: 1991

[In thousands. As of March. See headnote, table 56]

HOUSEHOLDER AND MARITAL STATUS	Total, 15 yrs. and over	MALE					FEMALE				
		Total <sup>1</sup>	20 to 24 years	25 to 44 years	45 to 64 years	65 yr. and over	Total <sup>1</sup>	20 to 24 years	25 to 44 years	45 to 64 years	65 yr. and over
<b>Total persons</b> . . . . .	<b>193,519</b>	<b>92,840</b>	<b>8,839</b>	<b>40,351</b>	<b>22,589</b>	<b>12,547</b>	<b>100,680</b>	<b>9,148</b>	<b>41,219</b>	<b>24,442</b>	<b>17,546</b>
Householder . . . . .	94,312	63,279	2,540	29,719	19,725	11,100	31,023	1,902	11,909	7,549	9,427
Single . . . . .	14,244	7,110	1,230	4,509	868	380	7,134	1,340	4,151	782	655
Married, spouse present .	52,147	48,222	1,218	22,126	16,206	8,605	3,925	248	2,123	1,099	430
Married, spouse absent .	4,450	1,604	53	802	537	207	2,848	189	1,659	769	220
Widowed . . . . .	11,688	1,921	-	66	392	1,462	9,766	1	372	2,089	7,303
Divorced . . . . .	11,783	4,422	39	2,214	1,722	446	7,362	123	3,605	2,809	819
Not householder . . . . .	99,208	29,561	6,299	10,632	2,864	1,447	69,647	7,246	29,311	16,893	8,119
Single . . . . .	37,058	20,876	5,819	5,983	654	162	16,182	4,521	3,326	374	245
Married, spouse present .	54,307	5,005	347	2,576	1,319	717	49,302	2,479	24,400	15,570	6,538
Married, spouse absent .	1,868	1,030	78	667	215	63	838	120	446	167	70
Widowed . . . . .	1,987	464	2	27	56	379	1,522	5	61	296	1,161
Divorced . . . . .	3,988	2,186	54	1,379	620	127	1,803	120	1,077	487	107

- Represents or rounds to zero. <sup>1</sup> Includes 15 to 19 year olds.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461.

## No. 56. Households, Families, Subfamilies, Married Couples, and Unrelated Individuals: 1960 to 1991

[In thousands, except as indicated. As of March. Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, section 1 and Appendix III. For definition of terms, see text, section 1. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series A 288-319.]

TYPE OF UNIT	1960	1970	1975	1980	1985	1989	1990	1991	PERCENT CHANGE		
									1970-1980	1980-1990	1990-1991
<b>Households</b> . . . . .	<b>52,799</b>	<b>63,401</b>	<b>71,120</b>	<b>80,776</b>	<b>86,789</b>	<b>92,830</b>	<b>93,347</b>	<b>94,312</b>	<b>27</b>	<b>16</b>	<b>1</b>
Average size . . . . .	3.33	3.14	2.94	2.76	2.69	2.62	2.63	2.63	(X)	(X)	(X)
Family households . . . . .	44,905	51,456	55,563	59,550	62,706	65,837	66,090	66,322	16	11	-
Married couple . . . . .	39,254	44,728	46,951	49,112	50,350	52,100	52,317	52,147	10	7	-
Male householder <sup>1</sup> . . . . .	1,228	1,228	1,485	1,733	2,228	2,847	2,884	2,907	41	66	1
Female householder <sup>1</sup> . . . . .	4,422	5,500	7,127	8,705	10,129	10,890	10,890	11,268	58	25	4
Nonfamily households . . . . .	7,895	11,945	15,557	21,226	24,082	26,994	27,257	27,990	78	28	3
Male householder . . . . .	2,716	4,063	5,912	8,807	10,114	11,874	11,606	12,150	117	32	5
Female householder . . . . .	5,179	7,882	9,645	12,419	13,988	15,120	15,651	15,840	58	26	1
One person . . . . .	6,896	10,851	13,939	18,296	20,602	22,708	22,999	23,590	69	26	3
<b>Families</b> . . . . .	<b>45,111</b>	<b>51,586</b>	<b>55,712</b>	<b>59,550</b>	<b>62,706</b>	<b>65,837</b>	<b>66,090</b>	<b>66,322</b>	<b>15</b>	<b>11</b>	<b>-</b>
Average size . . . . .	3.67	3.58	3.42	3.29	3.23	3.16	3.17	3.18	(X)	(X)	(X)
Married couple . . . . .	39,329	44,755	46,971	49,112	50,350	52,100	52,317	52,147	10	7	-
Male householder <sup>1</sup> . . . . .	1,275	1,239	1,499	1,733	2,228	2,847	2,884	2,907	40	66	1
Female householder <sup>1</sup> . . . . .	4,507	5,591	7,242	8,705	10,129	10,890	10,890	11,268	56	25	4
<b>Unrelated subfamilies</b> . . . . .	<b>207</b>	<b>130</b>	<b>149</b>	<b>360</b>	<b>526</b>	<b>473</b>	<b>534</b>	<b>639</b>	<b>177</b>	<b>48</b>	<b>20</b>
Married couple . . . . .	75	27	20	20	46	49	68	94	(B)	(B)	(B)
Male reference persons <sup>1</sup> . . . . .	47	11	14	36	65	26	45	41	(B)	(B)	(B)
Female reference persons <sup>1</sup> . . . . .	85	91	115	304	395	398	421	504	234	39	20
<b>Related subfamilies</b> . . . . .	<b>1,514</b>	<b>1,150</b>	<b>1,349</b>	<b>1,150</b>	<b>2,228</b>	<b>2,278</b>	<b>2,403</b>	<b>2,546</b>	-	<b>109</b>	<b>6</b>
Married couple . . . . .	871	617	576	582	719	775	871	986	-6	50	13
Father-child <sup>1</sup> . . . . .	115	48	69	54	116	103	153	142	(B)	(B)	-7
Mother-child <sup>1</sup> . . . . .	528	484	705	512	1,392	1,400	1,378	1,418	6	169	3
<b>Married couples</b> . . . . .	<b>40,200</b>	<b>45,373</b>	<b>47,547</b>	<b>49,714</b>	<b>51,114</b>	<b>52,924</b>	<b>53,256</b>	<b>53,227</b>	<b>10</b>	<b>7</b>	<b>-</b>
With own household . . . . .	39,254	44,728	46,951	49,112	50,350	52,100	52,317	52,147	10	7	-
Without own household . . . . .	946	645	596	602	764	824	939	1,080	-7	56	15
Percent without . . . . .	2.4	1.4	1.3	1.2	1.5	1.6	1.8	2.0	(X)	(X)	(X)
<b>Unrelated individuals</b> . . . . .	<b>11,092</b>	<b>14,888</b>	<b>19,100</b>	<b>26,426</b>	<b>30,518</b>	<b>34,499</b>	<b>35,384</b>	<b>36,298</b>	<b>76</b>	<b>34</b>	<b>3</b>
Nonfamily householders . . . . .	7,895	11,945	15,557	21,226	24,082	26,994	27,257	27,990	76	28	3
Secondary individuals . . . . .	3,198	3,043	3,543	5,200	6,436	7,505	8,127	8,308	71	56	2
Male . . . . .	1,746	1,631	2,087	3,006	3,743	4,241	4,711	4,880	84	57	4
Female . . . . .	1,451	1,412	1,456	2,194	2,693	3,264	3,416	3,428	55	56	-

- Represents or rounds to zero. B Not shown; base less than 75,000. X Not applicable. <sup>1</sup> No spouse present.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458.

**No. 57. Family and Nonfamily Households, by Race, Hispanic Origin, and Type:  
1970 to 1991**

[As of March, except as noted. Based on Current Population Survey, except as noted; see headnote, table 56. See also *Historical Statistics, Colonial Times to 1970*, series A 292-295 and A 320-334]

RACE, HISPANIC ORIGIN, AND TYPE	NUMBER (1,000)					PERCENT DISTRIBUTION				
	1970	1980	1985	1990	1991	1970	1980	1985	1990	1991
<b>FAMILY HOUSEHOLDS</b>										
White, total . . . . .	46,166	52,243	54,400	56,590	56,803	100	100	100	100	100
Married couple . . . . .	41,029	44,751	45,843	46,981	47,014	89	86	84	83	83
Male householder . . . . .	1,038	1,441	1,816	2,303	2,276	2	3	3	4	4
Female householder . . . . .	4,099	6,082	6,941	7,306	7,512	9	12	13	13	13
Black, total . . . . .	4,856	6,184	6,778	7,470	7,471	100	100	100	100	100
Married couple . . . . .	3,317	3,433	3,469	3,750	3,569	68	56	51	50	48
Male householder . . . . .	181	256	344	446	472	4	4	5	6	6
Female householder . . . . .	1,358	2,495	2,964	3,275	3,430	28	40	44	44	46
Asian or Pacific Islander, total <sup>2</sup> . . . . .	(NA)	818	(NA)	1,531	1,536	(NA)	100	(NA)	100	100
Married couple . . . . .	(NA)	691	(NA)	1,256	1,230	(NA)	84	(NA)	82	80
Male householder . . . . .	(NA)	39	(NA)	86	112	(NA)	5	(NA)	6	7
Female householder . . . . .	(NA)	88	(NA)	188	194	(NA)	11	(NA)	12	13
Hispanic, total <sup>3</sup> . . . . .	2,004	3,029	3,939	4,840	4,981	100	100	100	100	100
Married couple . . . . .	1,615	2,282	2,824	3,395	3,454	81	75	72	70	69
Male householder . . . . .	82	138	210	329	342	4	5	5	7	7
Female householder . . . . .	307	610	905	1,116	1,186	15	20	23	23	24
<b>NONFAMILY HOUSEHOLDS</b>										
White, total . . . . .	10,436	18,522	20,928	23,573	24,166	100	100	100	100	100
Male householder . . . . .	3,406	7,499	8,608	9,951	10,312	33	40	41	42	43
Female householder . . . . .	7,030	11,023	12,320	13,622	13,853	67	60	59	58	57
Black, total . . . . .	1,367	2,402	2,703	3,015	3,200	100	100	100	100	100
Male householder . . . . .	584	1,146	1,244	1,313	1,531	41	48	46	44	48
Female householder . . . . .	803	1,256	1,459	1,702	1,670	59	52	54	56	52
Hispanic, total <sup>3</sup> . . . . .	299	654	944	1,093	1,238	100	100	100	100	100
Male householder . . . . .	150	365	509	587	669	50	56	54	54	54
Female householder . . . . .	148	289	435	506	569	49	44	46	46	46

NA Not available. <sup>1</sup> No spouse present. <sup>2</sup> 1980 data as of April and are from 1980 Census of Population. <sup>3</sup> Hispanic persons may be of any race, 1970 data as of April.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Persons of Spanish Origin, PC(2)-1C*; and *Current Population Reports*, series P-20, No. 458, and earlier reports.

**No. 58. Households, by Characteristic of Householder and Size of Household:  
1970 to 1991**

[As of March. Based on Current Population Survey; see headnote, table 56. See also *Historical Statistics, Colonial Times to 1970*, series A 335-349]

CHARACTERISTIC OF HOUSEHOLDER AND SIZE OF HOUSEHOLD	NUMBER (mil.)						PERCENT DISTRIBUTION				
	1970	1975	1980	1985	1990	1991	1970	1975	1980	1985	1990
Total <sup>1</sup> . . . . .	63.4	71.1	80.8	86.8	93.3	94.3	100	100	100	100	100
Age of householder:											
15 to 24 years old <sup>2</sup> . . . . .	4.4	5.8	6.6	5.4	5.1	4.9	7	8	8	6	6
25 to 29 years old . . . . .	6.1	7.8	9.3	9.6	9.4	9.2	10	11	12	11	10
30 to 34 years old . . . . .	5.6	7.1	9.3	10.4	11.0	11.1	9	10	12	12	12
35 to 44 years old . . . . .	11.8	11.9	14.0	17.5	20.6	21.3	19	17	17	20	22
45 to 54 years old . . . . .	12.2	12.9	12.7	12.6	14.5	14.8	20	18	16	15	16
55 to 64 years old . . . . .	10.8	11.3	12.5	13.1	12.5	12.5	17	16	16	15	13
65 to 74 years old . . . . .	7.7	8.9	10.1	10.9	11.7	12.0	12	13	13	13	13
75 years old and over . . . . .	4.8	5.4	6.4	7.3	8.4	8.5	8	8	8	9	9
Male . . . . .	50.0	54.3	58.0	60.0	62.9	63.3	79	76	72	69	67
Female . . . . .	13.4	16.8	22.8	26.8	30.4	31.0	21	24	28	31	33
White . . . . .	56.6	62.9	70.8	75.3	80.2	81.0	90	89	88	87	86
Black . . . . .	6.2	7.3	8.6	9.5	10.5	10.7	10	10	11	11	11
Hispanic <sup>3</sup> . . . . .	(NA)	(NA)	3.7	4.9	5.9	6.2	(NA)	(NA)	5	6	6
One person . . . . .	10.9	13.9	18.3	20.6	23.0	23.6	17	20	23	24	25
Male . . . . .	3.5	4.9	7.0	7.9	9.0	9.5	6	7	9	9	10
Female . . . . .	7.3	9.0	11.3	12.7	14.0	14.1	12	13	14	15	15
Two persons . . . . .	18.3	21.8	25.3	27.4	30.1	30.2	29	31	31	32	32
Three persons . . . . .	10.8	12.4	14.1	15.5	16.1	16.1	17	17	18	18	17
Four persons . . . . .	10.0	11.1	12.7	13.6	14.5	14.6	16	16	16	16	15
Five persons . . . . .	6.5	6.4	6.1	6.1	6.2	6.2	10	9	8	7	7
Six persons . . . . .	3.5	3.1	2.5	2.3	2.1	2.2	6	4	3	3	2
Seven persons or more . . . . .	3.2	2.5	1.8	1.3	1.3	1.5	5	4	2	1	2

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> 1970 and 1975, persons 14 to 24 years old.

<sup>3</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458, and earlier reports; and unpublished data.

## Population

No. 59. Household Characteristics, by Race, Hispanic Origin, and Type: 1991

[As of March. Based on Current Population Survey; see headnote, table 58. For composition of regions, see table 25.]

CHARACTERISTIC	NUMBER OF HOUSEHOLDS (1,000)				PERCENT DISTRIBUTION						PERSONS PER HOUSEHOLD				
	Total	Black	Hispanic <sup>1</sup>	Family households	Non-family households		Family households		Non-family households		Total	Black	Hispanic <sup>1</sup>		
					Total <sup>2</sup>	Married couple	Female householder <sup>3</sup>	Total	Black	Hispanic <sup>1</sup>					
Total	94,312	10,671	6,220	66,322	52,147	11,268	27,990	100	100	100	100	100	2.63	2.87	3.44
Age of householder:															
15 to 24 years old	4,882	683	594	2,727	1,558	919	2,156	5	10	4	3	8	2.33	2.67	3.13
25 to 29 years old	9,246	1,198	845	6,260	4,552	1,309	2,986	10	11	14	9	12	2.64	2.80	3.52
30 to 34 years old	11,077	1,392	963	8,330	6,451	1,557	2,747	12	13	16	13	14	3.03	2.93	3.68
35 to 44 years old	21,304	2,578	1,524	17,078	13,245	3,074	4,226	23	24	25	26	27	3.29	3.35	3.96
45 to 54 years old	14,751	1,693	957	11,701	9,406	1,803	3,050	16	16	18	18	16	2.96	3.06	3.63
55 to 64 years old	12,524	1,337	682	9,326	7,898	1,118	3,198	13	11	14	15	10	2.35	2.72	2.98
65 to 74 years old	12,001	1,118	434	7,373	6,289	841	4,629	13	11	12	8	17	1.89	2.26	2.29
75 years old and over	8,526	672	220	3,527	2,737	646	4,998	9	6	5	5	6	1.56	1.93	1.96
Region:															
Northeast	19,271	1,952	1,123	13,450	10,487	2,404	5,820	20	18	20	20	21	2.63	2.83	3.18
Midwest	23,223	2,121	1,408	16,119	12,910	2,547	7,104	25	20	24	25	23	2.58	2.82	3.43
South	32,310	5,737	2,982	18,279	16,106	4,232	9,034	34	32	35	35	38	3.32	3.34	3.34
West	19,506	862	2,706	13,474	10,645	2,084	6,032	21	8	44	20	19	2.71	2.71	3.62
Size of household:															
One person	23,590	2,778	925	(X)	(X)	(X)	23,590	25	15	(X)	(X)	84	1.00	1.00	1.00
Two persons	39,181	2,685	1,354	26,620	20,433	4,793	3,562	32	25	20	20	39	1.3	2.00	2.00
Three persons	16,082	2,013	1,217	15,518	11,284	3,470	5,684	17	19	22	23	31	2	3.00	3.00
Four persons	14,556	1,674	1,167	14,356	12,160	1,796	200	15	16	19	22	16	1	4.00	4.00
Five persons	6,206	805	834	6,156	5,282	682	48	7	8	13	9	10	6	5.00	5.00
Six persons	2,237	371	378	2,227	1,876	266	10	2	4	6	3	4	2	6.00	6.00
Seven persons or more	1,459	346	345	1,442	1,111	259	17	2	3	6	2	2	(NA)	(NA)	(NA)
Marital status of householder:															
Single (never married)	14,244	2,807	1,057	3,742	2,722	10,502	15	28	17	6	100	24	38	(NA)	(NA)
Married, spouse present	52,147	3,569	52,147	52,147	(X)	(X)	55	55	33	56	100	(X)	(X)	(NA)	(NA)
Married, spouse absent	4,450	1,227	581	2,494	(X)	2,050	1,856	5	12	9	4	18	7	(NA)	(NA)
Separated	3,448	1,062	2,000	1,062	(X)	1,663	1,448	4	10	7	3	15	5	(NA)	(NA)
Widowed	11,685	1,433	423	2,852	(X)	2,436	8,836	12	13	7	4	22	32	(NA)	(NA)
Divorced	11,783	1,635	705	5,087	(X)	4,060	6,696	13	15	11	8	36	24	(NA)	(NA)
Tenure:															
Owner occupied	60,395	4,526	2,423	47,293	40,728	4,951	13,102	64	42	39	71	78	47	2.75	3.14
Renter occupied	33,917	6,145	3,797	19,028	11,419	6,317	14,888	36	56	61	28	56	53	2.43	2.89

NA Not available. X Not applicable. Z Less than 0.5 percent. <sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Includes male householder, no spouse present.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458; and series P-60, No. 174.<sup>3</sup> No spouse present.

3.56

3.36

# Households by State

49

## No. 60. Households—States: 1970 to 1990

[As of April 1. For definitions of household and family, see text, section 1]

REGION, DIVISION, AND STATE	HOUSEHOLDS							FAMILIES, 1990 (1,000)			NONFAMILY HOUSEHOLDS, 1990 (1,000)		
	Number (1,000)			Percent change		Persons per household		Total <sup>1</sup>	Married couple		One- par- ent <sup>4</sup>	Total <sup>5</sup>	One- per- son
	1970	1980	1990	1970- 80	1980- 90	1980	1990		Total <sup>2</sup>	With related chil- dren <sup>3</sup>			
U.S. . .	63,450	80,390	91,947	26.7	14.4	2.75	2.63	64,518	50,708	24,552	8,551	27,429	22,580
Northeast .	15,483	17,471	18,873	12.8	8.0	2.74	2.61	13,071	10,089	4,688	1,655	5,802	4,828
N.E. . .	3,645	4,362	4,943	19.7	13.3	2.74	2.58	3,404	2,692	1,254	396	1,538	1,225
ME . . .	303	395	465	30.5	17.7	2.75	2.56	329	271	130	38	137	108
NH . . .	225	323	411	43.5	27.1	2.75	2.62	293	245	122	29	119	90
VT . . .	132	178	211	35.0	18.1	2.75	2.57	145	119	59	17	66	49
MA . . .	1,760	2,033	2,247	15.5	10.5	2.72	2.58	1,515	1,170	541	184	732	581
RI . . .	292	339	378	16.0	11.6	2.70	2.55	259	202	92	31	119	99
CT . . .	933	1,094	1,230	17.2	12.5	2.76	2.59	864	685	309	98	366	297
M.A. . .	11,837	13,109	13,930	10.7	6.3	2.74	2.62	9,867	7,397	3,434	1,259	4,263	3,803
NY . . .	5,914	6,340	6,639	7.2	4.7	2.70	2.63	4,489	3,316	1,563	670	2,150	1,806
NJ . . .	2,218	2,549	2,795	14.9	9.7	2.84	2.70	2,021	1,579	740	233	773	646
PA. . .	3,705	4,220	4,496	13.9	6.5	2.74	2.57	3,156	2,502	1,131	356	1,340	1,151
Midwest .	17,537	20,859	22,317	18.9	7.0	2.75	2.60	15,675	12,574	6,079	1,954	6,642	5,588
E.N.C .	12,383	14,654	15,597	18.3	6.4	2.78	2.63	11,015	8,699	4,209	1,446	4,582	3,852
OH . . .	3,289	3,834	4,088	16.5	6.6	2.76	2.59	2,895	2,294	1,099	374	1,192	1,020
IN . . .	1,609	1,927	2,065	19.7	7.2	2.77	2.61	1,480	1,202	586	180	585	497
IL . . .	3,502	4,045	4,202	15.5	3.9	2.76	2.65	2,925	2,272	1,111	392	1,277	1,081
MI . . .	2,653	3,195	3,419	20.4	7.0	2.84	2.66	2,439	1,883	909	356	980	809
WI . . .	1,329	1,652	1,822	24.3	10.3	2.77	2.61	1,275	1,048	505	144	547	444
W.N.C .	5,154	6,205	6,720	20.4	8.3	2.68	2.55	4,660	3,875	1,870	508	2,060	1,737
MN . . .	1,154	1,445	1,648	25.2	14.0	2.74	2.58	1,131	943	468	119	517	414
IA . . .	896	1,063	1,064	17.5	1.1	2.68	2.52	741	630	293	72	324	275
MO . . .	1,521	1,793	1,961	17.9	9.4	2.67	2.54	1,368	1,105	522	169	593	511
ND . . .	182	228	241	25.4	5.8	2.75	2.55	166	142	72	15	75	64
SD . . .	201	243	259	20.8	6.8	2.74	2.59	180	153	76	19	79	68
NE . . .	474	571	602	20.6	5.4	2.66	2.54	415	351	171	42	187	160
KS . . .	727	872	945	19.9	8.3	2.62	2.53	659	552	267	71	286	245
South .	19,258	26,486	31,822	37.5	20.1	2.77	2.61	22,722	17,786	8,625	3,145	9,101	7,641
S.A. . .	9,438	13,160	16,503	39.4	25.4	2.73	2.56	11,639	9,091	4,180	1,578	4,864	3,974
DE . . .	165	207	247	25.7	19.5	2.79	2.61	176	138	65	23	72	57
MD . . .	1,175	1,461	1,749	24.3	19.7	2.82	2.67	1,246	949	462	179	503	395
DC . . .	263	253	250	-3.6	-1.4	2.40	2.26	122	63	26	36	128	104
VA . . .	1,391	1,863	2,292	34.0	23.0	2.77	2.61	1,629	1,302	640	198	662	524
WV . . .	547	686	689	25.4	0.3	2.79	2.55	500	406	195	55	188	169
NC . . .	1,510	2,043	2,517	35.4	23.2	2.78	2.54	1,812	1,424	668	242	705	597
SC . . .	734	1,030	1,258	40.3	22.1	2.93	2.68	928	710	354	141	330	281
GA . . .	1,369	1,872	2,367	36.7	26.4	2.84	2.66	1,713	1,307	667	265	654	538
FL . . .	2,285	3,744	5,135	63.9	37.1	2.55	2.46	3,512	2,792	1,102	439	1,623	1,310
E.S.C .	3,868	5,051	5,652	30.6	11.9	2.83	2.62	4,142	3,233	1,586	579	1,509	1,334
KY . . .	984	1,263	1,380	28.4	9.2	2.82	2.60	1,016	817	408	124	364	321
TN . . .	1,213	1,619	1,854	33.4	14.5	2.77	2.56	1,348	1,060	503	179	506	442
AL . . .	1,034	1,342	1,507	29.8	12.3	2.84	2.62	1,104	858	418	155	403	358
MS . . .	637	827	911	29.9	10.2	2.97	2.75	674	498	257	121	237	213
W.S.C .	5,952	8,278	9,668	38.0	16.8	2.80	2.69	6,941	5,462	2,860	988	2,727	2,332
AR . . .	615	816	891	32.6	9.2	2.74	2.57	652	527	248	82	240	214
LA . . .	1,052	1,412	1,499	34.2	6.2	2.91	2.74	1,090	803	428	195	409	356
OK . . .	851	1,119	1,206	31.5	7.8	2.62	2.53	855	696	336	107	351	309
TX . . .	3,434	4,929	6,071	43.5	23.2	2.82	2.73	4,344	3,436	1,848	604	1,727	1,453
West .	11,172	15,574	18,935	39.4	21.6	2.71	2.72	13,050	10,260	5,159	1,797	5,885	4,523
Mt .	2,518	3,984	5,033	58.3	26.3	2.79	2.65	3,499	2,831	1,423	456	1,535	1,227
MT . . .	217	284	306	30.6	7.9	2.70	2.53	212	177	86	25	94	80
ID . . .	219	324	361	48.0	11.3	2.85	2.73	263	224	114	28	98	81
WY . . .	105	166	189	58.3	1.9	2.78	2.63	120	101	53	14	49	41
CO . . .	691	1,061	1,282	53.6	20.8	2.65	2.51	854	690	343	112	428	341
NM . . .	209	441	543	52.6	22.9	2.90	2.74	391	304	161	62	151	125
AZ . . .	539	957	1,369	77.5	43.0	2.79	2.62	940	748	348	129	429	338
UT . . .	298	449	537	50.6	19.8	3.20	3.15	411	348	207	44	126	102
NV . . .	160	304	466	90.1	53.2	2.59	2.53	307	240	111	43	159	120
Pac .	8,653	11,587	13,802	33.9	20.0	2.68	2.74	9,551	7,429	3,736	1,341	4,351	3,296
WA . . .	1,106	1,541	1,872	39.3	21.5	2.61	2.53	1,265	1,029	490	161	607	476
OR . . .	692	992	1,103	43.4	11.3	2.60	2.52	751	613	278	93	352	279
CA . . .	6,574	8,630	10,381	31.3	20.3	2.68	2.79	7,139	5,470	2,791	1,037	3,242	2,430
AK . . .	79	131	189	66.3	43.7	2.93	2.80	133	106	65	20	56	42
HI . . .	203	294	356	44.8	21.2	3.15	3.01	263	210	111	30	93	69

<sup>1</sup> Includes other family types not shown separately. <sup>2</sup> Includes married couple families with no related children. <sup>3</sup> "Related children" in a family includes own children and all other persons under 18 years of age in the household, regardless of marital status, who are related to the householder, except the spouse of the householder. <sup>4</sup> Comprises male family householders with no wife present and with related children and female family householders with no husband present and with related children.

<sup>5</sup> Includes nonfamily households with two or more persons.

Source: U.S. Bureau of the Census, *Census of Population: 1970; 1980 Census of Population*, vol. 1, chapter B; and unpublished data from *1990 Census of Population and Housing Summary Tape File 1C*.

## Population

**No. 61. Households, by Type—60 Largest Metropolitan Areas: 1990**

[As of April 1. For definitions of household and family, see text, section 1. Areas as defined by U.S. Office of Management and Budget, June 30, 1990. For definitions, see Appendix II]

METROPOLITAN AREA <sup>1</sup>	HOUSEHOLDS <sup>2</sup>			FAMILIES (1,000)			One-person households (1,000)	
	Total (1,000)	Percent change, 1980 -90	Per- sons per house- hold	Total <sup>3</sup>	Married couple			
					Total <sup>4</sup>	With related chil- dren <sup>5</sup>		
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA . . . . .	6,621	4.8	2.67	4,554	3,353	1,563	652	1,748
Los Angeles-Anaheim-Riverside, CA CMSA . . . . .	4,901	18.3	2.91	3,410	2,568	1,366	510	1,126
Chicago-Gary-Lake County, IL-IN-WI CMSA . . . . .	2,908	5.1	2.72	2,029	1,526	768	294	736
San Francisco-Oakland-San Jose, CA CMSA . . . . .	2,330	14.1	2.61	1,512	1,167	562	201	604
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA . . . . .	2,154	9.3	2.66	1,510	1,139	541	210	538
Detroit-Arn Arbor, MI CMSA . . . . .	1,723	4.8	2.67	1,216	898	434	194	421
Boston-Lawrence-Salem, MA-NH CMSA . . . . .	1,547	10.8	2.61	1,035	802	379	118	396
Washington, DC-MD-VA MSA . . . . .	1,459	24.4	2.62	971	743	376	134	388
Dallas-Fort Worth, TX CMSA . . . . .	1,450	36.8	2.64	1,001	789	423	138	367
Houston-Galveston-Brazoria, TX CMSA . . . . .	1,332	21.5	2.75	938	723	409	143	328
Miami-Fort Lauderdale, FL CMSA . . . . .	1,221	18.8	2.58	816	606	264	122	328
Atlanta, GA MSA . . . . .	1,056	39.6	2.64	743	571	296	109	242
Cleveland-Akron-Lorain, OH CMSA . . . . .	1,058	3.8	2.56	734	563	258	101	280
Seattle-Tacoma, WA CMSA . . . . .	1,002	26.5	2.49	654	527	253	82	266
San Diego, CA MSA . . . . .	887	32.4	2.69	599	469	229	82	203
Minneapolis-St. Paul, MN-WI MSA . . . . .	936	21.5	2.58	630	512	261	75	234
St. Louis, MO-IL MSA . . . . .	925	9.5	2.59	646	501	244	91	239
Baltimore, MD MSA . . . . .	880	14.9	2.64	621	459	218	98	207
Pittsburgh-Beaver Valley, PA CMSA . . . . .	892	0.8	2.46	615	484	205	66	246
Phoenix, AZ MSA . . . . .	808	48.2	2.59	547	435	203	73	202
Tampa-St. Petersburg-Clearwater, FL MSA . . . . .	869	32.4	2.32	574	483	167	66	243
Denver-Boulder, CO CMSA . . . . .	738	21.3	2.46	475	376	187	66	210
Cincinnati-Hamilton, OH-KY-IN CMSA . . . . .	653	11.3	2.61	458	359	182	64	167
Milwaukee-Racine, WI CMSA . . . . .	601	7.4	2.61	417	321	152	62	151
Kansas City, MO-KS MSA . . . . .	602	13.9	2.55	417	332	162	56	157
Sacramento, CA MSA . . . . .	556	33.7	2.60	378	291	140	59	133
Portland-Vancouver, OR-WA CMSA . . . . .	576	15.9	2.52	384	309	148	49	150
Norfolk-Virginia Beach-Newport News, VA MSA . . . . .	494	27.9	2.69	358	277	146	54	104
Columbus, OH MSA . . . . .	525	16.8	2.54	355	278	137	49	134
San Antonio, TX MSA . . . . .	451	29.1	2.82	329	251	137	52	103
Indianapolis, IN MSA . . . . .	480	14.7	2.56	333	262	129	46	122
New Orleans, LA MSA . . . . .	455	3.6	2.57	316	219	114	64	120
Buffalo-Niagara Falls, NY CMSA . . . . .	462	3.7	2.51	314	240	107	42	127
Charlotte-Gastonia-Rock Hill, NC-SC MSA . . . . .	441	26.7	2.58	318	251	120	41	102
Providence-Pawtucket-Fall River, RI-MA CMSA . . . . .	430	11.0	2.57	298	233	107	35	111
Hartford-New Britain-Middletown, CT CMSA . . . . .	412	14.2	2.56	287	225	101	35	100
Orlando, FL MSA . . . . .	402	59.0	2.60	278	219	104	37	91
Salt Lake City-Ogden, UT MSA . . . . .	348	20.1	3.04	260	216	128	31	72
Rochester, NY MSA . . . . .	374	9.4	2.58	258	202	97	35	93
Nashville, TN MSA . . . . .	376	24.5	2.54	265	208	102	36	93
Memphis, TN-AR-MS MSA . . . . .	357	14.4	2.68	255	178	91	52	87
Oklahoma City, OK MSA . . . . .	368	14.4	2.53	255	202	100	36	87
Louisville, KY-IN MSA . . . . .	368	7.9	2.54	260	199	95	38	93
Dayton-Springfield, OH MSA . . . . .	364	7.1	2.55	258	203	95	35	91
Greensboro-Winston-Salem—High Point, NC MSA . . . . .	372	21.2	2.47	263	208	94	33	93
Birmingham, AL MSA . . . . .	345	9.1	2.58	250	192	93	35	85
Jacksonville, FL MSA . . . . .	344	32.3	2.57	240	186	93	36	84
Albany-Schenectady-Troy, NY MSA . . . . .	336	11.1	2.51	225	178	83	26	90
Richmond-Petersburg, VA MSA . . . . .	332	23.2	2.53	229	174	84	35	83
West Palm Beach-Boca Raton-Delray Beach, FL MSA . . . . .	366	56.0	2.32	242	199	66	25	100
Honolulu, HI MSA . . . . .	265	15.2	3.02	197	158	84	21	51
Austin, TX MSA . . . . .	304	55.1	2.48	187	147	78	27	88
Las Vegas, NV MSA . . . . .	287	65.1	2.54	189	144	65	28	73
Raleigh-Durham, NC MSA . . . . .	286	44.4	2.44	187	147	71	25	77
Scranton—Wilkes-Barre, PA MSA . . . . .	281	6.6	2.52	197	156	70	18	75
Tulsa, OK MSA . . . . .	277	12.5	2.51	194	157	77	25	73
Grand Rapids, MI MSA . . . . .	244	18.6	2.74	179	147	76	21	52
Allentown-Bethlehem, PA-NJ MSA . . . . .	260	12.8	2.57	187	155	69	17	61
Fresno, CA MSA . . . . .	221	23.8	2.06	162	120	65	29	46
Tucson, AZ MSA . . . . .	262	33.9	2.49	170	132	60	25	73

<sup>1</sup> Metropolitan areas are shown in rank order of total population of consolidated metropolitan statistical area (CMSA) and metropolitan statistical areas (MSA). <sup>2</sup> Includes nonfamily households with two or more persons, not shown separately.

<sup>3</sup> Includes other family types not shown separately. <sup>4</sup> Includes married couple families with no related children. <sup>5</sup> "Related children" in a family includes own children and all other persons under 18 years of age in the household, regardless of marital status, who are related to the householder, except the spouse of the householder.

<sup>6</sup> Comprises male family householders with no wife present and with related children and female family householders with no husband present and with related children.

Source: U.S. Bureau of the Census, unpublished data from 1990 Census of Population and Housing Summary Tape File 1C.

# Household Population—Living Arrangements

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## No. 62. Households, 1980 to 1991, and Persons in Households, 1991, by Type of Household and Presence of Children

[As of March. Based on Current Population Survey; see headnote, table 56. Minus sign (-) indicates decrease]

TYPE OF HOUSEHOLD AND PRESENCE OF CHILDREN	HOUSEHOLDS						PERSONS IN HOUSEHOLDS, 1991		Persons per household, 1991	
	Number (1,000)			Percent change, 1980-1991	Percent distribution		Number (1,000)	Percent distribution		
	1980	1990	1991		1980	1991				
<b>Total households.</b>	<b>80,776</b>	<b>93,347</b>	<b>94,312</b>	<b>17</b>	<b>100</b>	<b>100</b>	<b>248,464</b>	<b>100</b>	<b>2.63</b>	
Family households . . . . .	59,550	66,090	66,322	11	74	70	214,244	86	3.23	
With own children under 18	31,022	32,289	32,401	4	38	34	126,098	52	3.95	
Without own children under 18	28,528	33,801	33,920	19	35	36	86,146	35	2.54	
Married couple family . . . . .	49,112	52,317	52,147	6	61	55	170,101	68	3.26	
With own children under 18	24,961	24,537	24,397	-2	31	26	101,839	41	4.17	
Without own children under 18	24,151	27,780	27,750	15	30	29	66,262	27	2.46	
Male householder, no spouse present	1,733	2,884	2,907	68	2	3	9,033	4	3.11	
With own children under 18	616	1,153	1,181	92	1	1	4,123	2	3.49	
Without own children under 18	1,117	1,731	1,725	54	1	2	4,910	2	2.85	
Female householder, no spouse present	8,705	10,890	11,268	29	11	12	35,109	14	3.12	
With own children under 18	5,445	6,599	6,823	25	7	7	22,136	9	3.24	
Without own children under 18	3,261	4,290	4,445	36	4	5	12,973	5	2.92	
Nonfamily households . . . . .	21,226	27,257	27,990	32	28	30	34,220	14	1.22	
Living alone . . . . .	18,296	22,995	23,590	29	23	25	23,590	9	1.00	
Male householder . . . . .	8,807	11,608	12,150	38	11	13	16,039	6	1.32	
Living alone . . . . .	6,966	9,049	9,450	36	9	10	9,450	4	1.00	
Female householder . . . . .	12,419	15,651	15,840	28	15	17	18,182	7	1.15	
Living alone . . . . .	11,330	13,950	14,141	25	14	15	14,141	6	1.00	

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458, and earlier reports; and unpublished data.

## No. 63. Living Arrangements of Persons 15 Years Old and Over, by Selected Characteristics: 1991

[As of March. Based on Current Population Survey which includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, section 1 and Appendix III]

AGE AND SEX	ALL RACES <sup>1</sup>				WHITE PERSONS PERCENT LIVING—				BLACK PERSONS PERCENT LIVING—					
	Percent living—				Alone	With spouse	With other relatives	With non-relatives	Alone	With spouse	With other relatives	Alone	With spouse	With other relatives
	Total (1,000)	Alone	With spouse	With other relatives										
<b>Total.</b>	<b>193,519</b>	<b>12</b>	<b>55</b>	<b>26</b>	<b>6</b>	<b>12</b>	<b>58</b>	<b>23</b>	<b>13</b>	<b>33</b>	<b>48</b>			
15 to 19 years old . . . . .	16,839	1	3	93	4	1	3	92	1	1	96			
20 to 24 years old . . . . .	17,986	6	24	56	15	6	26	52	5	11	76			
25 to 34 years old . . . . .	42,905	10	57	23	11	10	61	19	10	33	49			
35 to 44 years old . . . . .	38,665	9	70	16	6	9	73	13	11	45	38			
45 to 54 years old . . . . .	25,686	10	73	13	4	10	75	11	15	50	29			
55 to 64 years old . . . . .	21,345	14	73	10	3	13	76	8	20	45	26			
65 years old and over . . . . .	30,093	31	54	13	2	31	56	11	33	38	26			
65 to 74 years old . . . . .	18,298	25	64	10	2	24	66	9	31	44	21			
75 years old and over . . . . .	11,855	41	39	17	3	42	41	15	36	28	34			
<b>Male.</b>	<b>92,840</b>	<b>10</b>	<b>57</b>	<b>25</b>	<b>8</b>	<b>10</b>	<b>60</b>	<b>22</b>	<b>13</b>	<b>37</b>	<b>41</b>			
15 to 19 years old . . . . .	8,513	1	1	95	3	1	2	94	1	1	96			
20 to 24 years old . . . . .	8,839	7	18	60	16	7	19	58	6	11	74			
25 to 34 years old . . . . .	21,319	12	53	21	14	12	56	19	12	33	40			
35 to 44 years old . . . . .	19,032	11	70	12	8	10	73	10	14	50	25			
45 to 54 years old . . . . .	12,426	10	76	8	5	10	78	8	16	59	16			
55 to 64 years old . . . . .	10,161	11	79	6	4	10	82	5	19	52	14			
65 years old and over . . . . .	12,547	16	74	7	2	16	76	6	23	55	16			
65 to 74 years old . . . . .	8,156	13	79	6	2	13	81	5	23	57	13			
75 years old and over . . . . .	4,391	21	66	11	3	21	67	9	23	51	22			
<b>Female.</b>	<b>100,680</b>	<b>14</b>	<b>53</b>	<b>28</b>	<b>5</b>	<b>15</b>	<b>56</b>	<b>24</b>	<b>13</b>	<b>30</b>	<b>54</b>			
15 to 19 years old . . . . .	8,326	1	4	91	4	1	5	90	(Z)	2	96			
20 to 24 years old . . . . .	9,148	5	30	52	14	5	33	47	4	12	77			
25 to 34 years old . . . . .	21,586	8	60	25	7	8	65	20	8	33	56			
35 to 44 years old . . . . .	19,633	7	69	20	4	7	73	16	8	40	48			
45 to 54 years old . . . . .	13,258	10	69	17	3	10	72	14	13	44	40			
55 to 64 years old . . . . .	11,184	17	67	14	2	16	71	11	22	40	36			
65 years old and over . . . . .	17,546	42	40	16	2	43	41	14	39	27	33			
65 to 74 years old . . . . .	10,081	34	51	12	2	34	53	12	36	34	28			
75 years old and over . . . . .	7,464	53	24	20	3	55	25	18	43	16	40			

Z Less than .5 percent. <sup>1</sup> Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461.

## No. 64. Living Arrangements of Young Adults: 1970 to 1991

[1970 and 1980, as of April. Beginning 1985, as of March and based on Current Population Survey, see headnote, table 63]

LIVING ARRANGEMENTS AND SEX	PERSONS 18 TO 24 YEARS OLD					PERSONS 25 TO 34 YEARS OLD				
	1970	1980	1985	1990	1991	1970	1980	1985	1990	1991
Total (1,000) .....	22,357	29,122	27,844	25,310	24,802	24,566	36,796	40,857	43,240	42,905
Percent distribution:										
Child of householder <sup>1</sup> .....	47	48	54	53	54	8	9	11	12	12
Family householder or spouse .....	38	29	24	22	22	83	72	68	65	64
Nonfamily householder .....	5	10	8	9	9	5	12	13	13	13
Other .....	10	13	14	16	16	4	7	9	11	11
Male (1,000) .....	10,398	14,278	13,695	12,450	12,275	11,929	18,107	20,184	21,462	21,319
Percent distribution:										
Child of householder <sup>1</sup> .....	54	54	60	58	60	10	11	13	15	15
Family householder or spouse .....	30	21	16	15	14	79	66	60	56	55
Nonfamily householder .....	5	11	10	10	10	7	15	16	16	17
Other .....	10	13	14	17	16	5	8	11	13	14
Female (1,000) .....	11,959	14,844	14,149	12,860	12,627	12,637	18,689	20,673	21,779	21,586
Percent distribution:										
Child of householder <sup>1</sup> .....	41	43	48	48	49	7	7	8	8	9
Family householder or spouse .....	45	36	32	30	29	86	78	76	73	72
Nonfamily householder .....	4	8	7	8	7	4	9	10	10	10
Other .....	10	13	13	15	15	4	6	7	9	9

<sup>1</sup> Includes unmarried college students living in dormitories.

Source: U.S. Bureau of the Census, 1970 and 1980 Census of Population, PC(2)-4B and Current Population Reports, series P-20, No. 461, and earlier reports.

## No. 65. Families, by Size and Presence of Children: 1980 to 1991

[In thousands, except as indicated. As of March. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III. For definition of families, see text, section 1]

CHARACTERISTIC	1980, total	1990, total	1991								
			All races <sup>1</sup>		White		Black		Hispanic <sup>4</sup>		
			Total <sup>2</sup>	Married couple	Female householder <sup>3</sup>	Total <sup>2</sup>	Married couple	Total <sup>2</sup>	Married couple	Total <sup>2</sup>	
	59,550	66,090	66,322	52,147	11,268	56,803	47,014	7,471	3,569	4,981	3,454
Size of family:											
Two persons .....	23,461	27,606	27,615	20,581	5,281	24,532	19,190	2,496	1,028	1,229	683
Three persons .....	13,603	15,353	15,298	11,930	3,274	12,928	10,185	1,941	831	1,188	731
Four persons .....	12,372	14,026	14,098	12,186	1,655	11,951	10,845	1,598	872	1,146	868
Five persons .....	5,930	5,938	5,985	5,229	618	4,929	4,538	788	477	777	634
Six persons .....	2,461	1,997	2,060	1,805	213	1,607	1,492	328	205	342	291
Seven or more persons .....	1,723	1,170	1,285	1,016	226	856	765	319	157	299	247
Average per family .....	3.29	3.17	3.18	3.24	3.00	3.12	3.19	3.51	3.65	3.82	4.03
Own children under age 18:											
None .....	28,528	33,801	33,920	27,750	4,445	30,009	25,483	3,091	1,685	1,778	1,180
One .....	12,443	13,530	13,303	9,319	3,283	10,955	8,181	1,847	762	1,105	727
Two .....	11,470	12,263	12,287	9,721	2,203	10,381	8,671	1,431	646	1,126	816
Three .....	4,674	4,650	4,835	3,840	908	3,972	3,392	691	312	596	453
Four or more .....	2,435	1,848	1,977	1,517	427	1,487	1,286	411	164	365	277
Own children under age 6:											
None .....	46,063	50,905	50,921	40,048	8,417	44,076	36,333	5,382	2,636	3,249	2,148
One .....	9,441	10,304	10,492	8,128	2,010	8,639	7,096	1,422	683	1,145	858
Two or more .....	4,047	4,882	4,909	3,971	841	4,088	3,585	667	250	587	447
PERCENT DISTRIBUTION											
Total .....	100	100	100	100	100	100	100	100	100	100	100
Size of family:											
Two persons .....	39	42	42	39	47	43	41	33	29	25	20
Three persons .....	23	23	23	22	29	23	22	26	23	24	21
Four persons .....	21	21	21	23	15	21	23	21	24	23	25
Five persons .....	10	9	9	10	5	9	10	11	13	16	18
Six persons .....	4	3	3	3	2	3	3	4	6	7	8
Seven or more persons .....	3	2	2	2	2	2	2	4	4	6	7
Own children under age 18:											
None .....	48	51	51	53	39	53	54	41	47	36	34
One .....	21	20	20	18	29	19	17	25	21	22	21
Two .....	19	19	19	19	20	18	18	19	18	23	24
Three .....	8	7	7	7	8	7	7	9	9	12	13
Four or more .....	4	3	3	3	4	3	3	6	5	7	8
Own children under age 6:											
None .....	77	77	77	77	75	78	77	72	74	65	62
One .....	16	16	16	16	18	15	15	19	19	23	25
Two or more .....	7	7	7	8	7	7	8	9	7	12	13

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Includes other types of families, not shown separately. <sup>3</sup> No spouse present. <sup>4</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, Current Population Reports, series P-20, No. 458 and earlier reports.

# Families With Children

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## No. 66. Families, by Number of Own Children Under 18 Years Old: 1970 to 1991

[Except as noted, as of March and based on Current Population Survey; see headnote, table 65. See also *Historical Statistics, Colonial Times to 1970*, series A 353-358]

RACE, HISPANIC ORIGIN, AND YEAR	NUMBER OF FAMILIES (1,000)					PERCENT DISTRIBUTION					Average size of family
	Total	No chil- dren	One child	Two chil- dren	Three or more chil- dren	Total	No chil- dren	One child	Two chil- dren	Three or more chil- dren	
<b>ALL FAMILIES<sup>1</sup></b>											
1970	51,586	22,774	9,398	8,969	10,445	100	44	18	17	20	3.58
1980	59,550	28,526	12,443	11,470	7,109	100	48	21	19	12	3.29
1985	62,706	31,594	13,108	11,645	6,359	100	50	21	19	10	3.23
1990	66,090	33,801	13,530	12,263	6,496	100	51	20	19	10	3.17
1991	66,322	33,920	13,303	12,287	6,812	100	51	20	19	10	3.18
Married couple	52,147	27,750	9,319	9,721	5,357	100	53	18	19	10	3.24
Male householder <sup>2</sup>	2,907	1,725	701	363	117	100	59	24	13	4	2.78
Female householder <sup>2</sup>	11,268	4,445	3,283	2,203	1,335	100	39	29	20	12	3.00
<b>WHITE FAMILIES</b>											
1970	46,261	20,719	8,437	8,174	8,931	100	45	18	18	19	3.52
1980	52,243	25,769	10,727	9,977	5,789	100	49	21	19	11	3.23
1985	54,400	28,169	11,174	9,937	5,120	100	52	21	18	9	3.16
1990	56,590	29,872	11,186	10,342	5,191	100	53	20	18	9	3.11
1991	56,803	30,009	10,955	10,381	5,459	100	53	19	18	10	3.12
<b>BLACK FAMILIES</b>											
1970	4,887	1,903	858	728	1,401	100	39	18	15	29	4.13
1980	6,184	2,364	1,449	1,235	1,136	100	38	23	20	18	3.67
1985	6,778	2,887	1,579	1,330	982	100	43	23	20	15	3.60
1990	7,470	3,093	1,894	1,433	1,049	100	41	25	19	14	3.46
1991	7,471	3,091	1,847	1,431	1,102	100	41	25	19	15	3.51
<b>HISPANIC FAMILIES<sup>3</sup></b>											
1970	2,004	597	390	388	629	100	30	20	19	31	4.28
1980	3,029	946	680	698	706	100	31	22	23	23	3.90
1985	3,939	1,337	904	865	833	100	34	23	22	21	3.88
1990	4,840	1,790	1,095	1,036	919	100	37	23	21	19	3.83
1991	4,981	1,778	1,105	1,136	961	100	36	22	23	19	3.82

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> No spouse present. <sup>3</sup> Hispanic persons may be of any race. 1970 Hispanic data as of April and based on Census of Population.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1970* (PC-2-4A), and *Current Population Reports*, series P-20, No. 458, and earlier reports.

## No. 67. Family Households With Own Children Under Age 18, by Type of Family, 1970 to 1991, and by Age of Householder, 1991

[As of March. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III]

FAMILY TYPE	1970	1980	1990	1991							
				Total	15 to 24 years old	25 to 34 years old	35 to 44 years old	45 to 54 years old	55 to 64 years old	65 years old and over	
<b>NUMBER (1,000)</b>											
<b>Family households with children . . .</b>	<b>28,731</b>	<b>31,022</b>	<b>32,288</b>	<b>32,401</b>	<b>1,719</b>	<b>11,174</b>	<b>13,776</b>	<b>4,705</b>	<b>890</b>	<b>136</b>	
Married couple . . .	25,532	24,961	24,537	24,397	821	8,114	10,780	3,842	742	99	
Male householder <sup>1</sup> . . .	341	616	1,153	1,181	75	380	494	185	38	9	
Female householder <sup>1</sup> . . .	2,858	5,445	6,599	6,823	824	2,679	2,502	679	110	29	
<b>PERCENT DISTRIBUTION</b>											
<b>Family households with children . . .</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
Married couple . . .	89	81	76	75	48	73	78	82	83	73	
Male householder <sup>1</sup> . . .	1	2	4	4	4	3	4	4	4	7	
Female householder <sup>1</sup> . . .	10	18	20	21	48	24	18	14	12	21	
<b>HOUSEHOLDS WITH CHILDREN, AS A PERCENT OF ALL FAMILY HOUSEHOLDS, BY TYPE</b>											
<b>Family households with children, total . . .</b>	<b>56</b>	<b>52</b>	<b>49</b>	<b>49</b>	<b>63</b>	<b>77</b>	<b>81</b>	<b>40</b>	<b>10</b>	<b>1</b>	
Married couple . . .	57	51	47	47	53	74	81	41	9	1	
Male householder <sup>1</sup> . . .	28	36	40	41	30	53	65	38	12	2	
Female householder <sup>1</sup> . . .	52	63	61	61	90	94	81	38	10	2	

<sup>1</sup> No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458, and earlier reports.

## No. 68. Living Arrangements of Children Under 18 Years Old, by Selected Characteristic of Parent: 1951

[In thousands. As of March. Covers only those persons under 18 years old who are living with one or both parents. Characteristics are shown for the householder or reference person in married-couple situations. See also headnote, table 69.]

CHARACTERISTIC OF PARENT	ALL RACES <sup>1</sup>		WHITE		BLACK		HISPANIC <sup>2</sup>	
	Living with—		Living with—		Living with—		Living with—	
	Total	Both parents	Mother only	Father only	Both parents	Mother only	Father only	Both parents
<b>Children under 18 years old . . .</b>	<b>63,292</b>	<b>46,658</b>	<b>2,016</b>	<b>50,875</b>	<b>40,733</b>	<b>8,585</b>	<b>1,557</b>	<b>9,543</b>
Age:								
15 to 24 years old . . . . .	3,821	1,371	2,311	1,169	1,140	1,140	1,255	147
25 to 29 years old . . . . .	5,827	5,346	2,959	321	6,489	2,421	6,462	1,255
30 to 34 years old . . . . .	14,241	10,426	3,446	370	11,678	4,618	2,018	237
35 to 39 years old . . . . .	15,423	12,005	2,948	469	12,822	5,580	1,653	295
40 to 44 years old . . . . .	12,096	9,936	1,778	393	10,115	8,653	1,154	308
45 to 54 years old . . . . .	1,086	1,086	638	984	1,086	5405	637	1,057
55 to 64 years old . . . . .	1,086	1,086	638	984	1,086	863	980	1,011
65 years old and over . . . . .	1,176	1,176	1,176	1,176	1,176	1,176	1,176	1,176
Educational attainment:								
Elementary: 0 to 8 years . . . . .	4,576	3,214	1,143	220	3,732	2,742	826	164
High school: 1 to 3 years . . . . .	7,822	4,101	3,470	251	5,370	3,450	1,745	1,745
College: 1 to 3 years . . . . .	12,474	7,289	6,287	850	19,310	15,071	3,568	671
4 years . . . . .	7,374	9,339	2,584	(X)	10,149	8,226	1,598	1,738
5 or more years . . . . .	7,866	6,990	710	166	6,921	6,137	545	533
Employment status: <sup>3</sup>								
In the civilian labor force . . . . .	53,350	42,557	8,983	1,811	44,666	37,593	5,641	6,453
Employed . . . . .	49,487	40,122	7,777	1,588	41,845	35,538	5,063	5,131
Both parents employed . . . . .	25,144	25,144	(X)	22,039	22,039	22,039	(X)	2,931
Unemployed . . . . .	3,893	2,434	1,207	222	2,820	2,054	578	1,883
Not in the labor force . . . . .	8,905	3,112	5,610	182	5,506	2,452	2,939	115
Family income:								
Under \$5,000 . . . . .	3,541	545	2,856	140	1,939	417	1,438	84
\$5,000 to \$9,999 . . . . .	5,033	1,412	3,426	193	3,171	1,174	1,864	133
\$10,000 to \$14,999 . . . . .	4,921	2,431	2,273	211	3,578	2,054	1,348	1,638
\$15,000 to \$24,999 . . . . .	9,814	6,670	2,709	435	7,504	5,511	1,686	1,788
\$25,000 to \$39,999 . . . . .	4,857	3,775	921	211	4,113	3,326	623	1,634
\$30,000 to \$39,999 . . . . .	9,885	8,426	1,127	311	8,352	7,373	740	1,105
\$40,000 to \$49,999 . . . . .	7,970	7,214	535	220	6,999	6,414	407	179
\$50,000 and over . . . . .	17,280	16,234	752	293	15,218	14,464	500	253
Tenure: <sup>4</sup>								
Owned . . . . .	39,352	33,584	4,790	1,037	34,189	30,015	3,315	859
Rented . . . . .	23,930	13,134	9,818	979	16,686	10,718	5,271	698

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. <sup>3</sup> Excludes children whose parent is in the Armed Forces. <sup>4</sup> Refers to the tenure of the householder (who may or may not be the child's parent).

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461.

**No. 69. Children Under 18 Years Old, by Presence of Parents: 1970 to 1991**

[As of March. Excludes persons under 18 years old who maintained households or family groups. Based on Current Population Survey; see headnote, table 65]

RACE, HISPANIC ORIGIN AND YEAR	Number (1,000)	PERCENT LIVING WITH—							
		Both parents	Mother only					Father only	Neither parent
			Total	Divorced	Married, spouse absent	Single <sup>1</sup>	Widowed		
<b>ALL RACES <sup>2</sup></b>									
1970	69,162	85	11	3	5	1	2	1	3
1980	63,427	77	18	8	6	3	2	2	4
1985	62,475	74	21	9	5	6	2	3	3
1990	64,137	73	22	8	5	7	2	3	3
1991	65,093	72	22	8	6	8	1	3	3
<b>WHITE</b>									
1970	58,790	90	8	3	3	(Z)	2	1	2
1980	52,242	83	14	7	4	1	2	2	2
1985	50,836	80	16	8	4	2	1	2	2
1990	51,390	79	16	8	4	3	1	3	2
1991	51,918	79	17	8	5	3	1	3	2
<b>BLACK</b>									
1970	9,422	59	30	5	16	4	4	2	10
1980	9,375	42	44	11	16	13	4	2	12
1985	9,479	40	51	11	12	25	3	3	7
1990	10,018	38	51	10	12	27	2	4	8
1991	10,209	36	54	10	11	31	2	4	7
<b>HISPANIC <sup>3</sup></b>									
1970	4,006	78	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1980	5,459	75	20	6	8	4	2	2	4
1985	6,057	68	27	7	11	7	2	2	3
1990	7,174	67	27	7	10	8	2	3	3
1991	7,462	66	27	7	10	9	2	3	4

NA Not available. Z Less than 0.5 percent. <sup>1</sup> Never married. <sup>2</sup> Includes other races not shown separately. <sup>3</sup> Hispanic persons may be of any race. <sup>4</sup> All persons under 18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461, and earlier reports.

**No. 70. Female Family Householders With No Spouse Present—Characteristics, by Race and Hispanic Origin: 1980 to 1991**

[As of March. Covers persons 15 years old and over. Based on Current Population Survey; see headnote, table 65]

CHARACTERISTIC	Unit	WHITE			BLACK			HISPANIC ORIGIN <sup>1</sup>		
		1980	1990	1991	1980	1990	1991	1980	1990	1991
<b>Female family householder</b>	1,000 . . .	6,052	7,306	7,512	2,495	3,275	3,430	610	1,116	1,186
Percent of all families . . .	Percent	12	13	13	40	44	46	20	23	24
<b>Median age <sup>2</sup></b>	Years . . .	43.7	42.5	41.9	37.4	37.6	38.5	37.0	36.8	39.0
<b>Marital status:</b>										
Single (never married) . . .	Percent . . .	11	15	17	27	39	41	23	27	27
Married, spouse absent . . .	Percent . . .	17	16	18	28	21	19	32	29	31
Separated . . .	Percent . . .	14	14	14	27	19	16	29	23	24
Other . . .	Percent . . .	3	3	4	2	2	3	4	6	7
Widowed . . .	Percent . . .	33	26	24	22	17	17	15	16	16
Divorced . . .	Percent . . .	40	43	42	22	23	23	30	29	27
<b>Presence of children under 18:</b>										
No own children . . .	Percent . . .	41	43	42	28	32	33	25	33	33
With own children . . .	Percent . . .	59	58	58	72	68	67	75	67	67
One child . . .	Percent . . .	28	30	30	26	30	28	28	25	26
Two children . . .	Percent . . .	20	19	19	23	22	21	23	22	23
Three children . . .	Percent . . .	7	7	7	11	9	11	15	13	11
Four or more children . . .	Percent . . .	3	2	2	11	7	7	9	6	7
<b>Children per family . . .</b>	Number . . .	1.03	0.95	0.95	1.51	1.26	1.27	1.56	1.37	1.37

<sup>1</sup> Persons of Hispanic origin may be of any race. <sup>2</sup> For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 458, and earlier reports.

**No. 71. Nonfamily Households, by Age of Householder and Presence of Nonrelatives: 1980 to 1991**

[As of March. See headnote, table 65]

ITEM	NONFAMILY HOUSEHOLDS		MALE HOUSEHOLDER (1,000)					FEMALE HOUSEHOLDER (1,000)				
	Total (1,000)	Percent	Total	15 to 24 yr. old	25 to 44 yr. old	45 to 64 yr. old	65 yr. old and over	Total	15 to 24 yr. old	25 to 44 yr. old	45 to 64 yr. old	65 yr. old and over
<b>1980, total . . . . .</b>	<b>21,226</b>	<b>100</b>	<b>8,807</b>	<b>1,557</b>	<b>3,854</b>	<b>1,922</b>	<b>1,565</b>	<b>12,419</b>	<b>1,189</b>	<b>2,198</b>	<b>3,046</b>	<b>5,983</b>
One person (living alone).	18,296	86	6,966	947	2,920	1,613	1,486	11,330	779	1,809	2,901	5,842
Nonrelatives present . . .	2,930	14	1,841	620	934	209	79	1,089	410	389	147	141
<b>1990, total . . . . .</b>	<b>27,257</b>	<b>100</b>	<b>11,806</b>	<b>1,236</b>	<b>5,780</b>	<b>2,536</b>	<b>2,053</b>	<b>15,651</b>	<b>1,032</b>	<b>3,697</b>	<b>3,545</b>	<b>7,377</b>
One person (living alone).	22,999	84	9,049	674	4,231	2,203	1,943	13,950	536	2,881	3,300	7,233
Nonrelatives present . . .	4,258	16	2,557	560	1,551	334	112	1,701	497	817	245	143
<b>1991, total . . . . .</b>	<b>27,990</b>	<b>100</b>	<b>12,150</b>	<b>1,200</b>	<b>6,114</b>	<b>2,718</b>	<b>2,118</b>	<b>15,840</b>	<b>957</b>	<b>3,845</b>	<b>3,529</b>	<b>7,509</b>
One person (living alone).	23,590	84	9,450	622	4,499	2,319	2,010	14,141	518	3,020	3,232	7,370
Nonrelatives present . . .	4,400	16	2,700	578	1,615	399	108	1,700	438	825	298	139

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461, and earlier reports; and unpublished data.

**No. 72. Nonfamily Householders, by Sex and Marital Status: 1980 to 1991**

[In thousands. As of March. Based on Current Population Survey; see headnote, table 65]

MARITAL STATUS	MALE HOUSEHOLDER						FEMALE HOUSEHOLDER					
	1980	1990	1991				1980	1990	1991			
			Total	25 to 44 yr. old	45 to 64 yr. old	65 yr. old and over			Total	25 to 44 yr. old	45 to 64 yr. old	65 yr. old and over
<b>Total . . . . .</b>	<b>8,807</b>	<b>11,606</b>	<b>12,150</b>	<b>6,114</b>	<b>2,718</b>	<b>2,118</b>	<b>12,419</b>	<b>15,651</b>	<b>15,840</b>	<b>3,845</b>	<b>3,529</b>	<b>7,509</b>
Single <sup>1</sup> . . . . .	4,371	5,844	6,090	3,899	736	335	3,302	4,382	4,412	2,464	528	533
Married <sup>2</sup> . . . . .	1,051	1,117	1,180	543	396	176	675	794	796	302	292	182
Widowed . . . . .	1,177	1,417	1,505	30	256	1,219	6,569	7,428	7,330	62	1,169	6,098
Divorced . . . . .	2,209	3,228	3,394	1,641	1,330	389	1,873	3,046	3,302	1,017	1,540	696

<sup>1</sup> Includes persons 15 to 24 years old not shown separately. <sup>2</sup> No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461, and earlier reports; and unpublished data.

**No. 73. Persons Living Alone, by Sex and Age: 1970 to 1991**

[As of March. Based on Current Population Survey; see headnote, table 65]

SEX AND AGE	NUMBER OF PERSONS (1,000)						PERCENT DISTRIBUTION					
	1970	1975	1980	1985	1990	1991	1970	1975	1980	1985	1990	1991
<b>Both sexes . . . . .</b>	<b>10,851</b>	<b>13,939</b>	<b>18,296</b>	<b>20,802</b>	<b>22,999</b>	<b>23,590</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
15 to 24 years old . . .	556	1,111	1,726	1,324	1,210	1,140	5	8	9	6	5	5
25 to 34 years old . . .	2,1604	2,744	2,4729	3,905	3,972	4,116	215	220	226	19	17	17
35 to 44 years old . . .	(2)	(2)	(2)	2,322	3,138	3,402	(2)	(2)	(2)	11	14	14
45 to 64 years old . . .	3,622	4,076	4,514	4,939	5,502	5,550	33	29	25	24	24	24
65 to 74 years old . . .	2,815	3,281	3,851	4,130	4,350	4,494	26	24	21	20	19	19
75 years old and over .	2,256	2,727	3,477	3,982	4,825	4,887	21	20	19	19	21	21
<b>Male . . . . .</b>	<b>3,532</b>	<b>4,918</b>	<b>6,966</b>	<b>7,922</b>	<b>9,049</b>	<b>9,450</b>	<b>33</b>	<b>35</b>	<b>38</b>	<b>39</b>	<b>39</b>	<b>40</b>
15 to 24 years old . . .	274	610	947	750	674	622	3	4	5	4	3	3
25 to 34 years old . . .	2,933	21,689	2,920	2,307	2,395	2,491	29	212	216	11	10	11
35 to 44 years old . . .	(2)	(2)	(2)	1,406	1,836	2,008	(2)	(2)	(2)	7	8	9
45 to 64 years old . . .	1,152	1,329	1,613	1,845	2,203	2,319	11	10	9	9	10	10
65 to 74 years old . . .	611	723	775	868	1,042	1,096	6	5	4	4	5	5
75 years old and over .	563	567	711	746	901	914	5	4	4	4	4	4
<b>Female . . . . .</b>	<b>7,319</b>	<b>8,021</b>	<b>11,330</b>	<b>12,680</b>	<b>13,950</b>	<b>14,141</b>	<b>68</b>	<b>65</b>	<b>62</b>	<b>62</b>	<b>61</b>	<b>60</b>
15 to 24 years old <sup>1</sup> . . .	282	501	779	573	536	518	3	4	4	3	2	2
25 to 34 years old . . .	2,671	21,055	2,809	1,598	1,578	1,626	26	28	210	8	7	7
35 to 44 years old . . .	(2)	(2)	(2)	916	1,303	1,394	(2)	(2)	(2)	4	6	6
45 to 64 years old . . .	2,470	2,747	2,901	3,095	3,300	3,232	23	20	16	15	14	14
65 to 74 years old . . .	2,204	2,558	3,076	3,262	3,309	3,397	20	18	17	16	14	14
75 years old and over .	1,693	2,160	2,786	3,236	3,924	3,973	16	16	15	16	17	17

<sup>1</sup> 1970 and 1975, persons 14 to 24 years old. <sup>2</sup> Data for persons 35 to 44 years old included with persons 25 to 34 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 461, and earlier reports; and unpublished data.

# Group Quarters Population

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## No. 74. Population in Institutions and Other Group Quarters, by Type of Quarters and State: 1990

[As of April 1. See text, section 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series A 359-371, for inmates of institutions]

REGION, DIVISION, AND STATE	Group quarters population, total <sup>1</sup>	INSTITUTIONALIZED PERSONS			College dormitories	Military quarters	Emergency shelters for homeless persons	Persons visible in street locations
		Total <sup>2</sup>	Correctional institutions	Nursing homes				
U.S. . . . .	6,897,744	3,334,018	1,115,111	1,772,032	1,953,558	589,700	190,406	49,734
<b>Northeast . . . . .</b>	<b>1,510,088</b>	<b>713,335</b>	<b>195,275</b>	<b>399,329</b>	<b>540,689</b>	<b>47,252</b>	<b>62,247</b>	<b>14,653</b>
N.E. . . . .	445,031	179,333	32,227	119,646	198,866	20,349	12,454	970
ME . . . . .	37,169	14,136	2,311	9,855	14,118	5,153	462	7
NH . . . . .	32,151	11,486	1,991	8,202	17,025	923	404	8
VT. . . . .	21,642	6,161	807	4,805	13,435	-	261	16
MA . . . . .	214,307	84,345	15,471	59,662	100,487	4,439	6,476	674
RI . . . . .	38,595	14,801	2,645	10,156	18,898	2,851	502	44
CT. . . . .	101,167	48,424	10,002	30,962	34,903	6,983	4,349	221
<b>M.A. . . . .</b>	<b>1,065,057</b>	<b>534,002</b>	<b>162,048</b>	<b>279,683</b>	<b>341,823</b>	<b>26,903</b>	<b>49,793</b>	<b>13,683</b>
NY. . . . .	545,265	267,122	90,025	126,175	165,925	12,875	33,228	10,732
N.J. . . . .	171,368	92,670	29,093	47,054	43,711	10,102	7,725	1,639
PA. . . . .	348,424	174,210	42,930	106,454	132,187	3,926	8,840	1,312
<b>Midwest . . . . .</b>	<b>1,598,620</b>	<b>852,419</b>	<b>211,192</b>	<b>544,850</b>	<b>557,270</b>	<b>40,203</b>	<b>30,009</b>	<b>3,324</b>
E.N.C. . . . .	1,055,688	568,050	157,275	346,243	369,009	19,261	21,423	2,544
OH . . . . .	261,451	152,331	41,618	93,769	88,785	449	4,773	188
IN . . . . .	161,992	81,686	21,726	50,845	70,873	883	2,530	268
IL . . . . .	286,956	149,842	37,334	93,662	86,777	16,091	8,017	1,755
MI . . . . .	211,692	112,903	42,849	57,622	73,093	1,693	4,290	262
WI . . . . .	133,598	71,288	13,748	50,345	49,481	145	1,813	71
W.N.C. . . . .	542,931	284,369	53,917	198,407	188,261	20,942	6,586	780
MN . . . . .	117,821	63,279	9,969	47,051	39,280	24	2,483	138
IA . . . . .	99,520	47,841	5,630	36,455	43,093	57	1,153	148
MO . . . . .	145,397	80,854	19,975	52,060	44,033	6,424	2,393	215
ND . . . . .	24,234	10,574	831	8,159	10,377	2,245	315	30
SD . . . . .	25,841	13,305	2,543	9,356	9,306	1,051	437	71
NE . . . . .	47,553	25,620	3,662	19,171	16,692	1,104	805	20
KS . . . . .	82,765	42,896	11,307	26,155	25,480	10,037	1,000	158
<b>South . . . . .</b>	<b>2,294,420</b>	<b>1,145,986</b>	<b>439,290</b>	<b>558,382</b>	<b>615,791</b>	<b>312,915</b>	<b>46,382</b>	<b>7,975</b>
S.A. . . . .	1,243,962	577,690	231,369	270,930	322,299	213,816	27,052	5,025
DE . . . . .	20,071	8,662	3,347	4,596	8,806	1,164	349	19
MD . . . . .	113,856	62,760	27,025	26,884	30,892	10,426	2,706	523
DC . . . . .	41,717	14,070	4,035	7,008	16,126	2,181	4,731	131
VA . . . . .	209,300	84,292	33,553	37,762	61,943	51,869	2,842	319
WV . . . . .	36,911	19,469	4,439	12,591	15,083	32	579	33
NC . . . . .	224,470	83,400	24,857	47,014	71,266	58,378	2,952	259
SC . . . . .	116,543	44,134	18,351	18,228	35,488	30,166	1,060	102
GA . . . . .	173,633	87,266	40,803	36,549	39,723	30,261	4,122	450
FL . . . . .	307,461	173,637	74,959	80,298	42,972	29,339	7,711	3,189
E.S.C. . . . .	392,424	194,314	63,082	102,900	131,846	38,432	5,733	922
KY . . . . .	101,176	47,609	13,948	27,874	30,600	15,228	1,474	118
TN . . . . .	129,129	65,389	21,335	35,192	43,683	11,126	2,094	357
AL . . . . .	92,402	51,583	19,226	24,031	28,659	6,085	1,657	364
MS . . . . .	69,717	29,733	8,573	15,803	26,704	5,993	508	83
W.S.C. . . . .	658,034	373,982	144,799	184,552	161,846	80,687	13,597	2,028
AR . . . . .	58,332	34,223	8,642	21,809	16,775	1,814	594	62
LA . . . . .	112,578	67,276	26,792	32,072	27,990	10,851	1,803	184
OK . . . . .	93,677	51,211	15,108	29,666	24,924	8,712	2,335	340
TX . . . . .	393,447	221,272	94,257	101,005	91,957	39,290	8,865	1,442
<b>West . . . . .</b>	<b>1,294,616</b>	<b>622,278</b>	<b>269,394</b>	<b>269,671</b>	<b>239,808</b>	<b>189,330</b>	<b>51,768</b>	<b>23,782</b>
MT . . . . .	297,687	144,834	60,762	65,842	77,782	27,269	9,807	3,215
MT . . . . .	23,747	11,125	2,174	7,764	6,195	1,000	494	17
ID . . . . .	21,490	10,478	2,871	6,318	6,676	740	539	19
WY . . . . .	10,240	5,434	1,556	2,679	3,414	832	228	13
CO . . . . .	79,472	35,976	13,446	18,506	22,749	12,895	2,721	393
NM . . . . .	28,807	14,024	5,385	6,276	8,333	3,088	775	164
AZ . . . . .	80,683	41,508	22,636	14,472	18,459	6,071	3,014	1,897
UT . . . . .	29,048	12,739	4,252	6,222	10,156	1,046	974	276
NV . . . . .	24,200	13,550	8,442	3,605	1,800	1,597	1,062	436
Pac . . . . .	996,929	477,444	208,632	203,829	162,026	162,061	41,961	20,567
WA . . . . .	120,531	55,313	14,569	32,840	27,908	18,491	4,862	772
OR . . . . .	66,205	33,378	10,912	18,200	18,970	122	3,505	564
CA . . . . .	751,860	376,374	178,199	148,362	108,880	115,334	32,063	18,061
AK . . . . .	20,701	4,574	2,630	1,202	1,310	8,807	604	79
HI . . . . .	37,632	7,805	2,322	3,225	4,958	19,307	927	1,071

<sup>1</sup> Represents zero. <sup>2</sup> Includes persons in other types of group quarters not shown separately. <sup>3</sup> Includes other institutionalized persons not shown separately.

Source: U.S. Bureau of the Census, 1990 *Census of Population and Housing Data Paper Listing* (CPH-L-22 through 72).

**No. 75. Religious Preference, Church Membership and Attendance: 1957 to 1990**

[In percent. Covers civilian noninstitutional population, 18 years old and over. Data represent averages of the combined results of several surveys during year. Data are subject to sampling variability, see source]

YEAR	RELIGIOUS PREFERENCE					Church/ syna- gogue mem- bers	Persons attending church/ syna- gogue <sup>1</sup>	AGE AND REGION	Church/ syna- gogue mem- bers, 1990
	Protes- tant	Catho- lic	Jewish	Other	None				
1957 . . . . .	66	26	3	1	3	2 <sup>73</sup>	47	16-29 years old . . .	57
1967 . . . . .	67	25	3	3	2	3 <sup>73</sup>	43	30-49 years old . . .	63
1975 . . . . .	62	27	2	4	6	71	41	50 years and over . . .	74
1980 . . . . .	61	28	2	2	7	69	40	East <sup>4</sup> . . .	65
1985 . . . . .	57	28	2	4	9	71	42	Midwest <sup>5</sup> . . .	70
1989 . . . . .	56	28	2	4	10	69	43	South <sup>6</sup> . . .	70
1990 . . . . .	56	25	2	6	11	65	40	West <sup>7</sup> . . .	54

<sup>1</sup> Persons who attended a church or synagogue in the last seven days. <sup>2</sup> 1952 data. <sup>3</sup> 1965 data. <sup>4</sup> ME, NH, RI, NY, CT, VT, MA, NJ, PA, WV, DE, MD, and DC. <sup>5</sup> OH, IN, IL, MI, MN, WI, IA, ND, SD, KS, NE, and MO. <sup>6</sup> KY, TN, VA, NC, SC, GA, FL, AL, MS, TX, AR, OK, and LA. <sup>7</sup> AZ, NM, CO, NV, MT, ID, WY, UT, CA, WA, OR, AK, and HI.

Source: Princeton Religion Research Center, Princeton, NJ, "Emerging Trends," periodical. Based on surveys conducted by The Gallup Organization, Inc.

**No. 76. Religious Bodies—Church Membership, 1960 to 1989, and Number of Churches, 1989**

[Membership in thousands, except as indicated. See headnote, table 77. See also *Historical Statistics, Colonial Times to 1970*, series H 793-799]

RELIGIOUS BODY	MEMBERSHIP						Number of churches, 1989
	1960	1970	1975	1980	1985	1989	
<b>Total</b> . . . . .	<b>114,449</b>	<b>131,045</b>	<b>131,013</b>	<b>134,817</b>	<b>142,926</b>	<b>147,607</b>	<b>350,937</b>
Members as percent of population <sup>1</sup>	64	63	61	59	60	60	(X)
Average members per local church	359	399	393	401	413	421	(X)
Buddhist Churches of America	20	100	60	60	100	19	67
Eastern Churches	2,699	3,850	3,696	3,823	4,026	4,057	1,705
Jews <sup>2</sup>	5,367	5,870	6,115	5,920	5,835	5,944	3,416
Old Catholic, Polish National Catholic, and Armenian Churches	590	848	846	924	1,024	980	442
The Roman Catholic Church	42,105	48,215	48,882	50,450	52,655	57,020	23,500
Protestants <sup>3</sup>	463,669	71,713	71,043	73,479	79,096	79,387	320,039
Miscellaneous <sup>4</sup>	(*)	449	372	161	191	200	1,168

<sup>1</sup> Not applicable. <sup>2</sup> Based on Bureau of the Census estimated total population as of July 1. Estimates for 1980's reflect results of 1990 census. <sup>3</sup> Estimate of the Jewish community including those identified with Orthodox, Conservative and Reformed synagogues or temples. <sup>4</sup> Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." Data for "Miscellaneous" included with Protestants. Includes non-Christian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual, (copyright).

**No. 77. Religious Bodies—Selected Data**

[Represents latest information available from religious bodies with memberships of 60,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of persons living in Jewish households including as a consequence of intermarriage, approximately 7.4 percent non-Jewish persons. Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 11 years of age; however, many Lutheran bodies and The Episcopal Church report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for 1988 or earlier. All other data are "current" and were reported in 1989 or 1990]

RELIGIOUS BODY	Year	Churches reported	Member- ship (1,000)	Pastors serv- ing par- ishes <sup>1</sup>	Sunday school enrollment <sup>2</sup> (1,000)
<b>Total<sup>3</sup></b> . . . . .					
<i>African Methodist Episcopal Church</i>	1981	6,200	2,210	6,050	(NA)
<i>African Methodist Episcopal Zion Church</i>	1987	6,060	1,220	6,300	(NA)
<i>American Baptist Association</i>	1986	1,705	250	1,740	(NA)
<i>American Baptist Churches in the U.S.A.</i>	1989	5,833	1,549	5,390	308
<i>Antiochian Orthodox Christian Archdiocese of North America, The</i>	1989	160	350	250	6
<i>Apostolic Catholic Assyrian Church of the East, N. American Diocese</i>	1989	22	120	92	1
<i>Armenian Apostolic Church of America</i>	1990	30	180	24	1
<i>Armenian Church of America, Diocese of the</i>	1979	66	450	45	(NA)
<i>Assemblies of God</i>	1989	11,192	2,138	16,028	1,366
<i>Baptist Bible Fellowship, International</i>	1986	3,449	1,406	3,400	(NA)
<i>Baptist General Conference</i>	1990	792	134	1,200	78
<i>Baptist Missionary Association of America</i>	1989	1,339	229	1,350	98

See footnotes at end of table.

## No. 77. Religious Bodies—Selected Data—Continued

[See headnote, page 58]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes <sup>1</sup>	Sunday school enrollment <sup>2</sup> (1,000)
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia) . . . . .	1971	13	86	(NA)	(NA)
Christian and Missionary Alliance, The . . . . .	1989	1,829	266	1,766	189
Christian Brethren (a.k.a. Plymouth Brethren) . . . . .	1984	1,150	98	(NA)	(NA)
Christian Church (Disciples of Christ) . . . . .	1989	4,113	1,052	3,895	319
Christian Churches and Churches of Christ . . . . .	1988	5,579	1,071	5,525	(NA)
Christian Congregation, Inc., The . . . . .	1989	1,454	109	1,452	48
Christian Methodist Episcopal Church . . . . .	1983	2,340	719	2,340	(NA)
Christian Reformed Church in North America . . . . .	1989	712	226	624	(NA)
Church of God, The . . . . .	1978	2,035	76	1,910	(NA)
Church of God (Anderson, IN) . . . . .	1989	2,338	200	2,170	176
Church of God (Cleveland, TN) . . . . .	1989	5,763	582	6,207	509
Church of God in Christ, The . . . . .	1982	8,882	3,710	9,204	(NA)
Church of God in Christ, International, The . . . . .	1982	300	200	700	(NA)
Church of God of Prophecy, The . . . . .	1990	2,119	73	4,262	86
Church of Jesus Christ of Latter-day Saints, The . . . . .	1989	9,049	4,175	27,147	3,329
Church of the Brethren . . . . .	1989	1,102	150	1,911	(NA)
Church of the Nazarene . . . . .	1989	5,158	561	4,313	865
Churches of Christ . . . . .	1989	13,375	1,626	(NA)	(NA)
Community Churches, International Council of . . . . .	1990	210	250	(NA)	(NA)
Congregational Christian Churches, National Association of . . . . .	1990	400	90	400	(NA)
Conservative Baptist Association of America . . . . .	1989	1,126	210	1,126	(NA)
Coptic Orthodox Church . . . . .	1990	42	165	49	7
Cumberland Presbyterian Church . . . . .	1989	743	91	590	41
Episcopal Church, The . . . . .	1989	7,372	2,433	8,122	556
Evangelical Covenant Church, The . . . . .	1989	592	89	821	73
Evangelical Free Church of America . . . . .	1990	1,040	165	(NA)	(NA)
Evangelical Lutheran Church in America . . . . .	1989	11,067	5,239	10,125	1,155
Free Methodist Church of North America . . . . .	1989	1,066	76	(NA)	98
Free Will Baptists, National Association of . . . . .	1989	2,517	204	2,800	160
Full Gospel Fellowship of Churches and Ministers, International . . . . .	1985	450	65	850	(NA)
General Association of Regular Baptist Churches . . . . .	1989	1,582	218	(NA)	(NA)
General Baptists (General Association of) . . . . .	1989	872	74	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America . . . . .	1977	535	1,950	610	(NA)
Independent Fundamental Churches of America . . . . .	1990	705	74	820	71
International Church of the Foursquare Gospel . . . . .	1989	1,404	203	(NA)	42
Jehovah's Witnesses . . . . .	1989	9,141	826	-	-
Jews <sup>4</sup> . . . . .	1989	3,416	5,944	(NA)	(NA)
Liberty Baptist Fellowship . . . . .	1987	510	200	150	(NA)
Lutheran Church - Missouri Synod, The . . . . .	1989	5,990	2,609	5,339	860
Mennonite Church . . . . .	1989	1,034	93	1,504	(NA)
National Baptist Convention of America . . . . .	1956	11,398	2,669	7,598	(NA)
National Baptist Convention, U.S.A., Inc. . . . .	1958	26,000	5,500	26,000	(NA)
National Primitive Baptist Convention, Inc. . . . .	1975	616	250	460	(NA)
North American Old Roman Catholic Church . . . . .	1986	133	63	109	(NA)
Old Order Amish Church . . . . .	1989	785	71	3,140	(NA)
Orthodox Church in America . . . . .	1978	440	1,000	457	(NA)
Pentecostal Church of God . . . . .	1989	1,165	91	(NA)	(NA)
Pentecostal Holiness Church, International . . . . .	1989	1,475	119	1,583	133
Polish National Catholic Church of America . . . . .	1960	162	282	141	(NA)
Presbyterian Church in America . . . . .	1989	1,100	217	1,193	109
Presbyterian Church (U.S.A.) . . . . .	1989	11,468	2,886	10,410	1,099
Primitive Baptists . . . . .	1960	1,000	72	(NA)	(NA)
Progressive National Baptist Convention, Inc. . . . .	1967	655	522	(NA)	(NA)
Reformed Church in America . . . . .	1989	928	331	863	99
Reorganized Church of Jesus Christ of Latter-day Saints . . . . .	1989	1,048	190	16,182	(NA)
Roman Catholic Church, The . . . . .	1989	23,500	57,020	34,553	7,107
Romanian Orthodox Episcopate of America . . . . .	1989	37	65	37	2
Salvation Army, The . . . . .	1989	1,122	446	2,656	114
Serbian Eastern Orthodox Church in the U.S.A. and Canada . . . . .	1986	68	67	60	(NA)
Seventh-day Adventist Church . . . . .	1989	4,193	702	2,305	467
Southern Baptist Convention . . . . .	1989	37,739	14,908	37,500	7,931
Ukrainian Orthodox Church in the U.S.A. . . . .	1986	107	88	107	(NA)
Unitarian Universalist Association . . . . .	1989	1,010	182	1,181	46
United Church of Christ . . . . .	1989	6,388	1,626	5,614	434
United Methodist Church, The . . . . .	1988	37,514	8,979	20,844	(NA)
United Pentecostal Church, International . . . . .	1990	3,592	500	(NA)	(NA)
Wesleyan Church, The . . . . .	1989	1,650	110	1,848	179
Wisconsin Evangelical Lutheran Synod . . . . .	1989	1,198	419	1,144	49

<sup>1</sup> Represents or rounds to zero. NA Not available. X Not applicable. <sup>2</sup> Includes other pastors performing pastoral duties. <sup>3</sup> Includes pupils, officers, and teachers. <sup>4</sup> Includes data for religious bodies with membership less than 60,000.<sup>4</sup> Estimate of size of Jewish community provided by American Jewish Yearbook. Estimates of the number of Jews holding membership in synagogues or temples of the four branches of Judaism amount to 4,750,000.Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual, (copyright).

**No. 78. Christian Church Adherents, 1980, and Jewish Population, 1990—States**

[Christian church adherents were defined as "all members, including full members, their children and the estimated number of other regular participants who are not considered as communicant, confirmed or full members." Data on Christian church adherents are based on reports of 111 church bodies and exclude 18 church bodies that reported more than 100,000 members to the *Yearbook of American and Canadian Churches*. Data on Jewish population are based primarily on a compilation of individual estimates made by local Jewish federations. Additionally, most large communities have completed Jewish demographic surveys from which the Jewish population can be determined]

REGION, DIVISION, AND STATE	CHRISTIAN ADHERENTS, 1980		JEWISH POPULATION, 1990		REGION, DIVISION, AND STATE	CHRISTIAN ADHERENTS, 1980		JEWISH POPULATION, 1990	
	Number (1,000)	Percent of population <sup>1</sup>	Number (1,000)	Percent of population <sup>1</sup>		Number (1,000)	Percent of population <sup>1</sup>	Number (1,000)	Percent of population <sup>1</sup>
U.S. . .	111,736	49.3	5,981	2.4	VA . . .	2,221	41.5	68	1.1
Northeast.	27,029	55.0	3,029	6.0	WV . . .	772	39.6	2	0.1
N.E. . .	7,381	59.8	426	3.3	NC . . .	3,169	53.9	16	0.3
ME . . .	461	41.0	8	0.7	SC . . .	1,603	51.3	9	0.3
NH . . .	407	44.2	7	0.6	GA . . .	2,580	46.9	72	1.1
VT . . .	244	47.7	5	0.9	FL . . .	3,707	38.0	567	4.6
MA . . .	3,669	64.0	276	4.7	E.S.C. . .	8,079	55.1	42	0.3
RI . . .	710	75.0	16	1.6	KY . . .	1,979	54.1	12	0.3
CT . . .	1,890	60.8	113	3.5	TN . . .	2,485	54.1	19	0.4
M.A. . .	19,649	53.4	2,604	6.9	AL . . .	2,230	57.3	9	0.2
NY . . .	8,548	48.7	1,843	10.3	MS. . .	1,385	54.9	2	0.1
NJ . . .	3,923	53.3	430	5.6	W.S.C. . .	13,189	55.5	132	0.5
PA . . .	7,177	60.5	330	2.8	AR . . .	1,282	56.1	2	0.1
Midwest.	31,204	53.0	669	1.1	LA . . .	2,404	57.2	16	0.4
E.N.C.	20,969	50.3	548	1.3	OK . . .	1,751	57.9	5	0.2
OH . . .	5,306	49.1	131	1.2	TX . . .	7,752	54.5	109	0.6
IN . . .	2,451	44.6	18	0.3	West . . .	15,986	37.0	1,127	2.2
IL . . .	6,251	54.7	257	2.2	Mt. . . .	5,241	46.1	153	1.1
MI . . .	3,932	42.5	107	1.2	MT . . .	348	44.2	(Z)	0.1
WI . . .	3,029	64.4	35	0.7	ID . . .	472	50.0	(Z)	0.1
W.N.C. . .	10,235	59.6	121	0.7	WY . . .	207	44.0	(Z)	0.1
MN . . .	2,644	64.9	30	0.7	CO . . .	1,052	36.4	50	1.5
IA . . .	1,781	61.1	6	0.2	NM . . .	767	58.9	6	0.4
MO . . .	2,613	53.1	62	1.2	AZ . . .	1,065	39.2	72	2.1
ND . . .	482	73.8	1	0.1	UT . . .	1,097	75.1	3	0.2
SD . . .	462	66.9	(Z)	0.1	NV . . .	233	29.1	20	1.9
NE . . .	990	63.1	7	0.5	Pac. . . .	10,745	33.8	974	2.6
KS . . .	1,262	53.4	14	0.6	WA . . .	1,275	30.9	33	0.7
South.	37,516	49.8	1,155	1.4	OR . . .	946	35.9	12	0.5
S.A. . .	16,247	44.0	981	2.3	CA . . .	8,082	34.1	920	3.2
DE . . .	238	40.1	9	1.4	AK . . .	123	30.6	2	0.5
MD . . .	1,673	39.7	211	4.6	HI . . .	319	33.1	7	0.6
DC . . .	304	47.6	25	4.2					

Z Fewer than 500. <sup>1</sup> Based on U.S. Bureau of the Census data for resident population enumerated as of April 1, 1980, and 1990.

Source: Christian church adherents-B. Quinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver, *Churches and Church Membership in the United States 1980*, Glenmary Research Center, Atlanta, GA, 1982, (copyright); Jewish population-American Jewish Committee and the Jewish Publication Society, New York, NY, *American Jewish Year Book*, 1991, (copyright).

**No. 79. Religious Population of the World, by Region: 1991**

[In thousands, except percent. Refers to adherents of all religions as defined and enumerated for each of the world's countries in *World Christian Encyclopedia* (1982), projected to mid-1991, adjusted for recent data]

RELIGION	Total	Percent distribution	Africa	Asia	Latin America	Northern America	Europe	Soviet Union	Oceania
<b>Total population . . .</b>	<b>5,385,330</b>	<b>100.0</b>	<b>661,803</b>	<b>3,171,511</b>	<b>457,011</b>	<b>277,943</b>	<b>499,544</b>	<b>290,865</b>	<b>26,855</b>
Christians . . .	1,783,660	33.1	317,453	257,926	427,416	237,261	412,790	108,498	22,316
Roman Catholics . . .	1,010,352	18.8	119,244	121,311	397,810	96,315	262,026	5,551	8,095
Protestants . . .	368,209	6.8	84,729	79,969	16,930	95,610	73,766	9,790	7,415
Orthodox . . .	168,683	3.1	27,698	3,587	1,730	5,964	36,080	93,056	568
Anglicans . . .	73,835	1.4	26,063	694	1,275	7,284	32,879	(Z)	5,640
Other Christians . . .	162,581	3.0	59,719	52,365	9,671	32,088	8,039	101	598
Muslims . . .	950,726	17.7	269,959	625,194	1,326	2,642	12,545	38,959	101
Nonreligious . . .	884,468	16.4	1,840	700,523	16,828	25,265	52,289	84,477	3,246
Hindus . . .	719,269	13.4	1,431	714,652	867	1,259	703	2	355
Buddhists . . .	309,127	5.7	20	307,323	530	554	271	404	25
Atheists . . .	236,809	4.4	307	158,429	3,162	1,310	17,563	55,511	527
Chinese folk-religionists <sup>2</sup> . . .	183,646	3.4	12	183,361	71	121	60	1	20
New-religionists <sup>3</sup> . . .	140,778	2.6	20	138,767	520	1,410	50	1	10
Tribal religionists . . .	93,996	1.7	68,484	24,487	918	40	1	-	66
Sikhs . . .	18,461	0.3	26	17,934	8	252	231	1	9
Jews . . .	17,815	0.3	327	5,484	1,071	6,952	1,465	2,220	96
Shamanists . . .	10,302	0.2	1	10,044	1	1	2	252	1
Confucians . . .	5,917	0.1	1	5,883	2	26	2	2	1
Baha'i's . . .	5,402	0.1	1,451	2,630	785	363	90	7	76
Jains . . .	3,724	0.1	51	3,649	4	4	15	-	1
Shintoists . . .	3,163	0.1	(Z)	3,160	1	1	1	(Z)	1
Other religionists . . .	18,268	0.3	420	12,065	3,501	482	1,466	330	4

- Represents zero. Z Fewer than 500. <sup>1</sup> Persons professing no religion, nonbelievers, agnostics, freethinkers, and dereligionized secularists indifferent to all religion. <sup>2</sup> Followers of traditional Chinese religion (local deities, ancestor veneration, Confucian ethics, Taoism, etc.). <sup>3</sup> Followers of Asiatic 20th-century New Religions, New Religious movements, radical new crisis religions, and non-Christian syncretistic mass religions.

Source: Encyclopaedia Britannica, Inc., Chicago, IL, 1992 *Britannica Book of the Year*. (Reprinted with permission. Copyright 1992.)

# Vital Statistics

This section presents vital statistics data on births, deaths, abortions, fetal deaths, fertility, life expectancy, marriages and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States*, in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report*. Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, section 1) and published in *Current Population Reports*, series P-20. Data on abortions are published by the Alan Guttmacher Institute, New York, NY in selected issues of *Family Planning Perspectives*.

**Registration of vital events.**—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth- and death-registration system. Many States also provide for marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside the United States are not included in the data.

**Births and deaths.**—The live-birth, death, and fetal-death statistics prepared by NCHS are based on vital records filed in the registration offices of all States, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 States and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 reporting States and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were

## In Brief

1990:

Births	4,179,000
Deaths	2,162,000
Marriages	2,448,000
Divorces	1,175,000

### Leading causes of death:

Heart disease	725,000
Cancer	506,000
Stroke	145,340
Accidents	93,550
Chronic lung disease	88,989

first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for States participating in the Vital Statistics Cooperative Program (VSCP) (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Beginning 1986 all reporting areas participated in the VSCP. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States*.

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The ninth revision of the ICD was employed beginning in 1979. Deaths for prior years were classified according to the revision of the

ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report*, vol. 28, No. 11, supplement.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age-adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a population of interest are applied to a standard population distributed by age. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

**Abortions.**—The U.S. Centers for Disease Control (CDC) collects data on abortions annually from States which have a central health agency with a statewide reporting system. The Alan Guttmacher Institute, New York, NY also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the characteristics of abortions after adjusting CDC data for changes in the number of States reporting each year.

**Fertility and life expectancy.**—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States*.

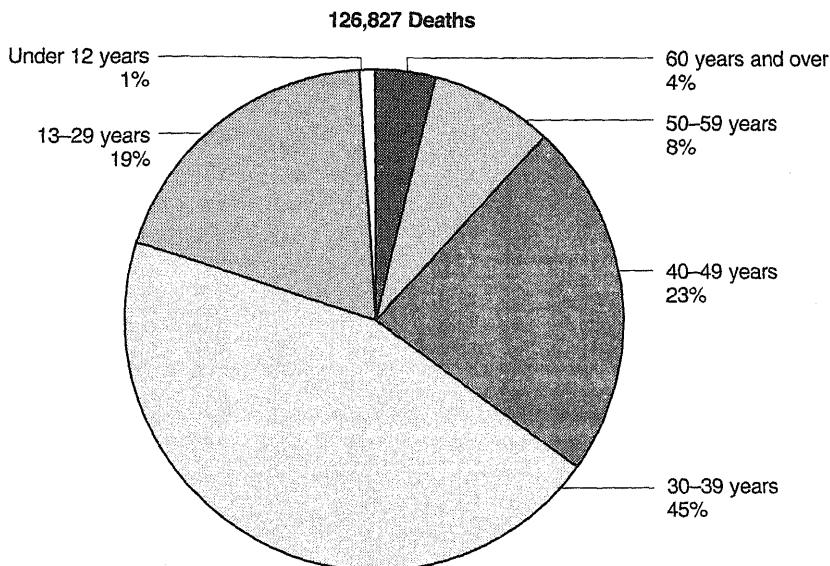
**Marriage and divorce.**—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887-88 when the National Office of Vital Statistics prepared estimates for the years 1867-86. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage-and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; it currently includes 42 States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, currently includes a total of 31 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States*, Vol. III—*Marriage and Divorce*. Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

**Vital statistics rates.**—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, 1980, and 1990; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, section 1).

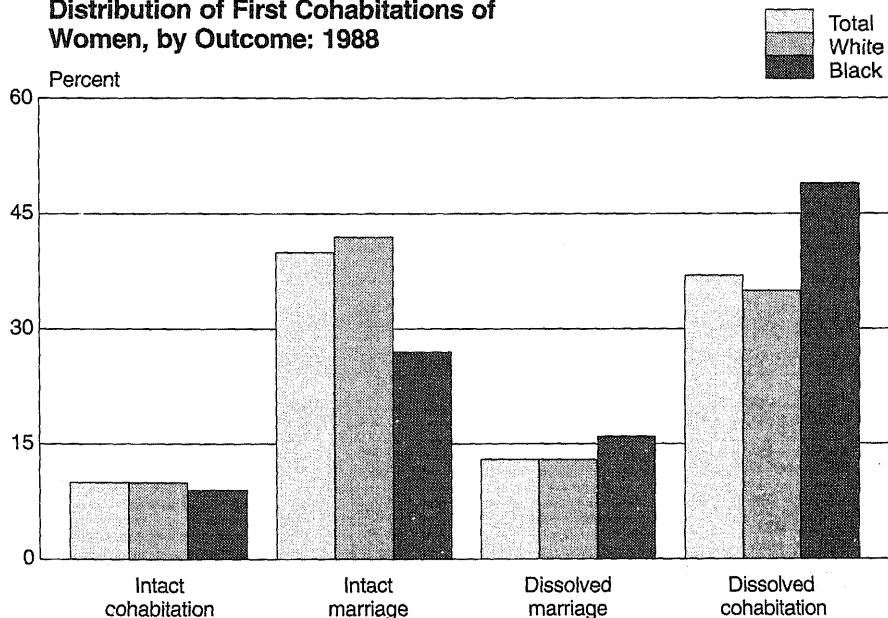
**Race.**—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as: (1) White, (2) Black, (3) American Indian, Eskimo, or Aleut, or (4) Asian or Pacific Islander.

**Figure 2.1**  
**Distribution of AIDS Deaths, by Age: 1982 through 1991**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 119.

**Figure 2.2**  
**Distribution of First Cohabitations of Women, by Outcome: 1988**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 133.

**No. 80. Live Births, Deaths, Marriages, and Divorces: 1950 to 1990**

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to and deaths of nonresidents of the United States. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 1-5, B 142, B 167, and B 216.]

YEAR	NUMBER (1,000)				RATE PER 1,000 POPULATION					
	Births <sup>1</sup>	Deaths		Marriages <sup>3</sup>	Divorces <sup>4</sup>	Births <sup>1</sup>	Deaths		Marriages <sup>3</sup>	Divorces <sup>4</sup>
		Total	Infant <sup>2</sup>				Total	Infant <sup>2</sup>		
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	10.9	4.0
1973	3,137	1,973	56	2,284	915	14.8	9.3	17.7	10.8	4.3
1974	3,160	1,934	53	2,230	977	14.8	9.1	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.6	8.8	16.1	10.0	4.8
1976	3,168	1,909	48	2,155	1,083	14.6	8.8	15.2	9.9	5.0
1977	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
1978	3,333	1,928	46	2,282	1,130	15.0	8.7	13.8	10.3	5.1
1979	3,494	1,914	46	2,331	1,181	15.6	8.5	13.1	10.4	5.3
1980	3,612	1,990	46	2,390	1,189	15.9	8.8	12.6	10.6	5.2
1981	3,629	1,978	43	2,422	1,213	15.8	8.6	11.9	10.6	5.3
1982	3,681	1,975	42	2,456	1,170	15.9	8.5	11.5	10.6	5.0
1983	3,639	2,019	41	2,446	1,158	15.5	8.6	11.2	10.5	4.9
1984	3,669	2,039	40	2,477	1,169	15.5	8.6	10.8	10.5	5.0
1985	3,761	2,086	40	2,413	1,190	15.8	8.7	10.6	10.1	5.0
1986	3,757	2,105	39	2,407	1,178	15.6	8.7	10.4	10.0	4.9
1987	3,809	2,123	38	2,403	1,166	15.7	8.7	10.1	9.9	4.8
1988	3,910	2,168	39	2,396	1,167	15.9	8.8	10.0	9.7	4.7
1989	4,041	2,050	40	2,404	5 <sup>1</sup> ,163	16.3	8.7	9.8	5 <sup>9</sup> .7	5 <sup>4</sup> .7
1990 <sup>6</sup>	4,179	2,162	38	2,448	1,175	16.7	8.6	9.1	9.8	4.7

<sup>1</sup> Through 1955, adjusted for underregistration. <sup>2</sup> Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. <sup>3</sup> Includes estimates for some States through 1965 and also for 1976 and 1977 and marriage licenses for some States for all years except 1973 and 1975. Beginning 1976, includes nonlicensed marriages in California. <sup>4</sup> Includes reported annulments and some estimated State figures for all years. <sup>5</sup> Preliminary.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, *Monthly Vital Statistics Report*, and unpublished data.

**No. 81. Live Births and Deaths—20 Largest Metropolitan Areas: 1986**

[Excludes births to and deaths of nonresidents of United States. Data are by place of residence. Metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's), and New England County Metropolitan Areas (NECMA's) are as defined by the U.S. Office of Management and Budget as of June 30, 1987; see Appendix II for definitions and components]

METROPOLITAN AREA	NUMBER (1,000)				RATE PER 1,000 POPULATION			
	Births	Deaths		Births	Deaths		Births	Deaths
		Total	Infant <sup>1</sup>		Total	Infant <sup>1</sup>		
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA <sup>2</sup>	261,869	171,369	2,744	15	9.6	10.5		
Los Angeles-Anaheim-Riverside, CA CMSA	247,483	96,595	2,224	19	7.4	9.0		
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	130,021	68,677	1,641	16	8.5	12.6		
San Francisco-Oakland-San Jose, CA CMSA	92,741	45,144	759	16	7.7	8.2		
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	89,318	56,922	1,006	15	9.7	1.0		
Detroit-Ann Arbor, MI CMSA	69,032	41,324	846	15	9.0	12.3		
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA	52,825	34,504	444	14	9.3	8.4		
Dallas-Fort Worth, TX CMSA	71,880	23,784	727	20	6.5	10.1		
Houston-Galveston-Brazoria, TX CMSA	67,600	20,862	643	19	5.7	9.5		
Washington, DC-MD-VA MSA	57,393	24,226	705	16	6.8	12.3		
Miami-Fort Lauderdale, FL CMSA	44,247	30,480	487	15	10.5	11.0		
Cleveland-Akron-Lorain, OH CMSA	39,589	26,899	439	14	9.7	11.1		
Atlanta, GA MSA	42,210	17,325	494	16	6.7	11.7		
St. Louis, MO-IL MSA	38,346	22,895	447	16	9.4	11.7		
Pittsburgh-Beaver Valley, PA CMSA	28,301	25,737	294	12	11.1	10.4		
Minneapolis-St. Paul, MN-WI MSA	38,532	16,181	350	17	7.0	9.1		
Seattle-Tacoma, WA CMSA	36,084	16,634	344	16	7.3	9.5		
Baltimore, MD MSA	35,562	21,130	424	16	9.3	11.9		
San Diego, CA MSA	39,044	15,608	356	18	7.1	9.1		
Tampa-St. Petersburg-Clearwater, FL MSA	24,557	23,879	278	13	12.5	11.3		

<sup>1</sup> Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. <sup>2</sup> CT portion of CMSA covers all of Fairfield County.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 82. Births and Birth Rates: 1970 to 1989

[Births in thousands and by race of child, except as indicated. Excludes births to nonresidents of United States. For population bases used to derive these data, see text, section 2. See Appendix III. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series B 1, B 5-10, and B 12-20]

ITEM	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Live births <sup>1</sup>	3,731	3,612	3,629	3,681	3,639	3,669	3,781	3,757	3,809	3,910	4,041
Average annual percent change <sup>2</sup>	-0.2	2.8	0.5	1.4	-1.1	0.8	2.5	-0.1	1.4	2.6	3.4
White	3,091	2,899	2,909	2,942	2,904	2,924	2,991	2,970	2,992	3,046	3,132
Black	572	590	588	593	586	593	608	621	642	672	709
Male	1,915	1,853	1,860	1,886	1,866	1,879	1,928	1,925	1,951	2,002	2,069
Female	1,816	1,760	1,789	1,795	1,773	1,780	1,833	1,832	1,858	1,907	1,971
Males per 100 females	105.5	105.3	105.2	105.1	105.2	105.0	105.2	105.1	105.0	105.0	105.0
Age of mother:											
Under 20 years old	656	562	537	524	499	480	478	472	473	489	518
20 to 24 years old	1,419	1,226	1,212	1,206	1,160	1,142	1,141	1,102	1,076	1,067	1,078
25 to 29 years old	995	1,108	1,128	1,152	1,148	1,166	1,201	1,200	1,216	1,239	1,263
30 to 34 years old	428	550	581	605	625	658	696	721	761	804	842
35 to 39 years old	180	141	146	168	180	196	214	230	248	270	294
40 years old or more	53	24	25	26	27	28	29	31	36	41	46
Age of father:											
Under 20 years old	189	137	129	125	116	109	108	105	105	111	120
20 to 24 years old	1,015	803	785	768	722	696	685	651	627	617	613
25 to 29 years old	1,085	1,082	1,083	1,093	1,070	1,067	1,081	1,059	1,053	1,055	1,056
30 to 34 years old	599	739	768	780	782	806	837	845	872	904	922
35 to 39 years old	298	275	286	319	335	356	381	398	413	431	451
40 years old or more	214	139	141	149	153	160	167	174	191	205	221
Age not stated	330	437	437	447	461	475	502	524	549	585	659
Birth rate per 1,000 population	18.4	15.9	15.8	15.9	15.5	15.5	15.8	15.6	15.7	15.9	16.3
White	17.4	14.9	14.8	14.9	14.6	14.5	14.8	14.5	14.5	14.7	15.0
Black	25.3	22.1	21.6	21.4	20.9	20.8	21.1	21.2	21.6	22.2	23.1
Male	19.4	16.8	16.7	16.7	16.4	16.3	16.6	16.4	16.5	16.7	(NA)
Female	17.4	15.1	15.0	15.1	14.7	14.7	15.0	14.8	14.9	15.1	(NA)
Plural birth ratio <sup>3</sup>	418.1	19.3	19.7	19.9	20.3	20.3	21.0	21.6	22.0	22.4	23.0
White	417.3	18.5	18.8	19.2	19.6	19.8	20.4	21.2	21.6	22.0	22.5
Black	422.8	24.1	24.7	24.1	24.5	24.2	25.3	24.9	25.4	25.8	26.9
Birth rate per 1,000 women	87.9	68.4	67.4	67.3	65.8	65.4	66.2	65.4	65.7	67.2	69.2
White <sup>6</sup>	84.1	64.7	63.9	63.9	62.4	62.2	63.0	61.9	62.0	63.0	64.7
Black <sup>6</sup>	115.4	88.1	85.4	84.1	81.7	81.4	82.2	82.4	83.8	86.6	90.4
Age of mother:											
10 to 14 years old	1.2	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.3	1.4
15 to 19 years old	68.3	53.0	52.7	52.9	51.7	50.9	51.3	50.6	51.1	53.6	58.1
20 to 24 years old	167.8	151.5	111.8	111.3	108.3	107.3	108.9	108.2	108.9	111.5	115.4
25 to 29 years old	145.1	112.9	112.0	111.0	108.7	108.3	110.5	109.2	110.8	113.4	116.6
30 to 34 years old	73.3	61.9	61.4	64.2	64.6	66.5	68.5	69.3	71.3	73.7	76.2
35 to 39 years old	31.7	19.8	20.0	21.1	22.1	22.8	23.9	24.3	26.2	27.9	29.7
40 to 44 years old	8.1	3.9	3.8	3.9	3.8	3.9	4.0	4.1	4.4	4.8	5.2
45 to 49 years old	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Birth rate per 1,000 men <sup>7</sup>	71.5	57.0	56.3	56.4	55.3	55.0	55.7	54.9	55.0	55.9	57.3
White <sup>7</sup>	67.1	52.9	52.3	52.5	51.5	51.2	51.9	50.9	50.9	51.4	52.5
Black <sup>7</sup>	107.4	83.8	81.2	79.8	78.0	77.6	78.2	78.3	79.5	82.0	85.6
Age of father: <sup>8</sup>											
15 to 19 years old <sup>9</sup>	25.6	18.8	18.5	18.7	18.4	18.0	18.2	18.1	18.6	20.0	22.4
20 to 24 years old	146.6	92.0	88.0	86.1	83.5	81.9	82.8	82.3	83.0	85.5	89.2
25 to 29 years old	175.0	123.0	119.7	117.4	113.9	111.0	111.9	109.1	109.4	111.1	113.8
30 to 34 years old	112.3	91.0	88.6	90.4	88.7	88.8	89.7	88.7	89.3	91.0	92.3
35 to 39 years old	57.6	42.8	43.2	44.2	45.3	45.7	47.0	46.5	48.2	49.5	50.8
40 to 44 years old	24.9	17.1	16.9	17.6	17.2	17.6	18.1	18.4	19.1	20.0	20.6
45 to 49 years old	9.1	6.1	6.3	6.4	6.4	6.3	6.6	6.7	6.9	7.1	7.4
50 to 54 years old	3.1	2.2	2.3	2.4	2.3	2.4	2.5	2.5	2.5	2.6	2.7
55 years old and over	0.6	0.4	0.4	0.4	0.3	0.4	0.4	0.4	0.4	0.4	0.6

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> For explanation, see Guide to Tabular Presentation. For 1970, change from 1965. <sup>3</sup> Number of multiple births per 1,000 live births. <sup>4</sup> 1971. <sup>5</sup> Race of mother; data not directly comparable with prior years. <sup>6</sup> Per 1,000 women, 15 to 44 years old in specified group. <sup>7</sup> Rate computed by relating total births, regardless of age of father, to 1,000 men, 15 to 54 years old in specified group. <sup>8</sup> Rates by age of father computed using frequencies with age not stated distributed among all age groups. <sup>9</sup> Rate computed by relating births to fathers under 20 years of age to men 15 to 19 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## Vital Statistics

## No. 83. Live Births—Number and Rate, by State: 1970 to 1990

(Registered births. Excludes births to nonresidents of the United States, except as noted. See Appendix III)

REGION, DIVISION, AND STATE	NUMBER (1,000)									RATE PER 1,000 POPULATION <sup>2</sup>									
	By State of residence									By State of occurrence <sup>1</sup>	By State of residence								
	1970	1980	1985	1987	1988	1989	1989	1990	1970		1980	1985	1987	1988	1989	1989	1990		
U.S. ....	3,731	3,612	3,761	3,809	3,910	4,041	3,4021	3,4179	18.4	15.9	15.8	15.7	15.9	16.3	16.2	16.7			
New England . . . . .	200	182	179	187	193	200	202	204	16.9	13.1	14.2	14.6	14.9	15.3	15.5	15.5			
Maine . . . . .	18	16	17	17	17	17	17	17	16	17.9	14.6	14.5	14.2	14.3	14.3	13.8	13.1		
New Hampshire . . . . .	13	14	15	17	17	18	18	17	17.9	14.9	15.5	16.1	16.0	16.1	16.2	15.0			
Vermont . . . . .	8	8	8	8	8	8	8	8	18.6	15.4	15.0	14.8	14.6	15.0	14.0	14.0			
Massachusetts . . . . .	95	73	82	84	88	92	96	95	16.6	12.7	14.1	14.4	15.0	15.5	16.3	16.0			
Rhode Island . . . . .	16	12	13	14	14	15	15	16	16.5	12.9	13.5	14.2	14.3	14.8	15.3	15.6			
Connecticut . . . . .	50	39	44	47	48	49	48	52	16.7	12.5	13.9	14.6	14.9	15.3	14.7	16.1			
Middle Atlantic . . . . .	630	495	526	548	564	582	578	595	16.9	13.4	14.1	14.6	15.0	15.4	15.3	15.7			
New York . . . . .	318	239	259	272	281	291	291	302	17.4	13.6	14.6	15.3	15.7	16.2	16.2	16.8			
New Jersey . . . . .	120	97	106	113	118	122	117	121	16.8	13.2	14.0	14.8	15.3	15.7	15.1	15.5			
Pennsylvania . . . . .	193	159	161	163	166	169	170	172	16.3	13.4	13.5	13.6	13.8	14.0	14.1	14.2			
East North Central . . . . .	754	668	634	629	638	658	647	673	18.7	16.0	15.2	15.0	15.1	15.6	15.3	15.8			
Ohio . . . . .	200	169	160	158	161	164	163	166	18.7	15.7	14.9	14.6	14.8	15.0	14.9	15.1			
Indiana . . . . .	99	88	81	79	82	83	83	85	19.1	16.1	14.7	14.2	14.7	14.9	14.8	15.1			
Illinois . . . . .	205	190	181	185	190	187	193	185	16.6	15.7	15.6	15.9	16.3	16.0	16.4				
Michigan . . . . .	172	146	138	141	140	149	143	158	19.4	15.7	15.2	15.3	15.1	16.0	15.4	16.9			
Wisconsin . . . . .	78	75	74	71	71	72	72	72	17.6	15.9	15.4	14.8	14.6	14.8	14.8	14.8			
West North Central . . . . .	284	288	275	262	265	268	266	278	17.4	16.8	16.6	14.9	14.9	15.0	14.9	15.3			
Minnesota . . . . .	68	68	67	65	67	68	67	68	19.0	16.6	16.1	15.3	15.5	15.5	15.3	15.5			
Iowa . . . . .	48	48	41	38	38	39	37	40	17.1	16.4	14.3	13.4	13.5	13.7	13.1	13.9			
Missouri . . . . .	81	79	77	75	76	78	80	83	17.3	16.1	15.3	14.7	14.9	15.1	15.5	16.0			
North Dakota . . . . .	11	12	12	10	10	10	11	10	17.8	18.4	17.1	16.3	15.1	14.5	16.5	16.0			
South Dakota . . . . .	12	13	12	11	11	11	11	11	17.0	19.2	17.1	16.2	15.7	15.5	15.4	15.2			
Nebraska . . . . .	26	27	26	24	24	24	24	24	17.3	17.4	15.9	14.9	15.0	15.1	15.1	15.0			
Kansas . . . . .	38	41	40	39	39	39	39	36	17.0	17.2	16.2	15.6	15.5	15.4	14.2	15.4			
South Atlantic . . . . .	574	547	599	629	654	683	679	705	18.7	14.8	14.9	15.1	15.4	15.8	15.7	16.1			
Delaware . . . . .	11	9	10	10	10	11	11	12	19.2	15.8	15.5	15.4	15.8	15.9	17.1	17.1			
Maryland . . . . .	69	60	68	73	76	78	68	76	17.6	14.2	15.5	16.0	16.4	16.7	14.4	15.9			
Dist. of Columbia . . . . .	15	9	10	10	11	12	23	22	20.1	14.7	15.8	16.4	17.1	19.5	37.3	36.8			
Virginia . . . . .	86	78	86	90	93	97	93	97	18.6	14.7	15.1	15.1	15.3	15.5	15.9	15.6			
West Virginia . . . . .	31	29	24	22	22	22	23	23	17.8	15.1	12.5	11.8	11.6	11.9	12.4	12.6			
North Carolina . . . . .	98	84	89	94	98	102	103	105	19.3	14.4	14.3	14.6	15.0	15.5	15.6	15.8			
South Carolina . . . . .	52	52	52	53	53	55	57	55	20.1	16.6	15.6	15.4	15.9	16.3	15.7	15.9			
Georgia . . . . .	97	92	96	103	106	110	110	115	21.1	16.9	16.1	16.5	16.7	17.1	17.1	17.6			
Florida . . . . .	115	132	164	175	184	193	193	199	16.9	14.3	14.4	14.6	14.9	15.2	15.2	15.3			
East South Central . . . . .	248	240	223	220	225	232	230	245	19.4	16.4	14.7	14.4	14.6	15.1	14.9	15.8			
Kentucky . . . . .	60	60	53	51	51	53	53	57	18.7	16.3	14.2	13.8	13.7	14.3	14.1	15.2			
Tennessee . . . . .	72	69	67	68	71	73	77	78	18.4	15.1	14.0	14.0	14.4	14.8	15.5	15.6			
Alabama . . . . .	67	64	60	60	61	63	58	67	19.4	16.3	14.9	14.6	14.8	15.2	14.2	16.2			
Mississippi . . . . .	49	48	43	41	42	43	42	43	22.1	19.0	16.6	15.7	16.1	16.4	16.1	16.4			
West South Central . . . . .	386	445	478	458	460	464	452	484	20.0	18.7	18.0	17.0	17.1	17.2	16.7	17.8			
Arkansas . . . . .	35	37	35	35	35	36	35	35	18.5	16.3	14.9	14.5	14.6	14.9	14.5	14.7			
Louisiana . . . . .	74	82	81	74	74	73	69	72	20.4	19.5	18.2	16.6	16.8	16.6	15.7	16.5			
Oklahoma . . . . .	45	52	53	48	47	47	46	46	17.5	17.2	16.1	14.6	14.6	14.7	14.4	14.3			
Texas . . . . .	231	274	308	302	303	308	301	330	20.6	19.2	18.8	18.0	18.0	18.1	17.7	19.2			
Mountain . . . . .	172	226	235	232	235	237	236	243	20.7	19.9	18.4	17.6	17.6	17.5	17.4	17.7			
Montana . . . . .	13	14	13	12	12	12	11	11	18.2	18.1	16.4	15.1	14.5	14.5	14.1	14.2			
Idaho . . . . .	14	20	18	16	16	16	15	16	20.3	21.4	17.5	16.0	15.7	15.7	15.2	16.0			
Wyoming . . . . .	7	11	9	8	7	7	6	7	19.6	22.5	18.4	15.4	15.0	14.5	13.7	13.9			
Colorado . . . . .	42	50	55	54	53	53	53	53	18.8	17.2	17.0	16.3	16.2	15.9	15.9	16.0			
New Mexico . . . . .	22	26	28	27	27	27	27	28	21.8	20.0	19.1	18.2	17.9	17.9	17.9	18.3			
Arizona . . . . .	38	50	59	63	66	67	68	69	21.3	18.4	18.6	18.7	18.8	18.9	19.0	18.9			
Utah . . . . .	27	42	37	35	36	36	36	37	25.5	26.6	22.8	21.0	21.3	20.8	21.2	21.6			
Nevada . . . . .	10	13	15	17	18	20	18	21	19.6	16.6	16.4	16.6	17.1	17.6	16.5	18.1			
Pacific . . . . .	483	542	612	643	676	718	705	773	18.2	17.0	17.5	17.6	18.1	18.7	18.4	19.7			
Washington . . . . .	61	68	70	73	75	73	77	77	17.8	16.4	15.9	15.5	15.6	15.8	15.4	15.8			
Oregon . . . . .	35	43	39	39	40	41	44	46	16.8	16.4	14.7	14.2	14.5	14.6	15.5	15.9			
California . . . . .	363	403	471	503	533	570	557	618	18.2	17.0	17.9	18.2	18.8	19.6	19.2	20.7			
Alaska . . . . .	8	10	13	12	11	12	12	12	25.1	23.7	24.6	22.2	21.4	22.1	21.9	21.8			
Hawaii . . . . .	16	18	18	19	19	19	20	20	21.4	18.8	17.4	17.2	17.3	17.4	17.6	18.1			

<sup>1</sup> Includes births to nonresidents. Provisional. <sup>2</sup> Based on population (excluding Armed Forces abroad) enumerated as of April 1 for 1970, 1980, and 1990, and estimated as of July 1 for other years. <sup>3</sup> U.S. totals are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

# Total Fertility Rates—Birth Rates

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## No. 84. Total Fertility Rate and Intrinsic Rate of Natural Increase: 1960 to 1989

[Based on race of child and registered births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2.110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (-) indicates decrease. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 11.]

ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE			ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1960-64 . . .	3,449	3,326	4,326	18.6	17.1	27.7	1977 . . .	1,790	1,703	2,279	-6.2	-8.1	3.2
1965-69 . . .	2,622	2,512	3,362	8.2	6.4	18.6	1978 . . .	1,780	1,668	2,265	-6.8	-8.8	2.9
1970-74 . . .	2,094	1,997	2,680	-0.7	-2.5	9.1	1979 . . .	1,808	1,716	2,310	-5.7	-7.7	3.8
1975-79 . . .	1,774	1,685	2,270	-6.6	-8.5	3.0	1980 . . .	1,840	1,749	2,323	-5.1	-7.0	4.0
1980-84 . . .	1,819	1,731	2,262	-5.4	-7.3	3.0	1981 . . .	1,815	1,726	2,275	-5.5	-7.4	3.3
1985-88 . . .	1,870	1,769	2,339	-4.2	-6.3	4.3	1982 . . .	1,829	1,742	2,265	-5.2	-7.0	3.0
1970 . . .	2,480	2,385	3,067	6.0	4.5	14.4	1983 . . .	1,803	1,718	2,225	-5.7	-7.5	2.5
1971 . . .	2,267	2,161	2,920	2.6	0.8	12.6	1984 . . .	1,806	1,719	2,224	-5.6	-7.4	2.4
1972 . . .	2,010	1,907	2,628	-2.0	-3.9	6.8	1985 . . .	1,843	1,754	2,263	-4.8	-6.6	3.1
1973 . . .	1,879	1,783	2,443	-4.5	-6.5	5.7	1986 . . .	1,836	1,742	2,282	-4.9	-6.8	3.3
1974 . . .	1,835	1,749	2,339	-5.4	-7.2	4.0	1987 . . .	1,871	1,767	2,349	-4.2	-6.3	4.5
1975 . . .	1,774	1,686	2,276	-6.7	-8.6	3.0	1988 . . .	1,932	1,814	2,463	-3.0	-5.3	6.3
1976 . . .	1,738	1,652	2,223	-7.4	-9.3	2.1	1989 . . .	2,014	1,885	2,583	-1.4	-3.8	8.2

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 85. Birth Rates, by Live-Birth Order and Race: 1970 to 1989

[Births per 1,000 women 15 to 44 years old in specified racial group. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 82, and *Historical Statistics, Colonial Times to 1970*, series B 20-27]

LIVE-BIRTH ORDER	ALL RACES <sup>1</sup>					WHITE					BLACK				
	1970	1980	1985	1988	1989	1970	1980	1985	1988	1989	1970	1980	1985	1988	1989
Total . . . . .	87.9	68.4	66.2	67.2	69.2	84.1	64.7	63.0	63.0	64.7	115.4	88.1	82.2	86.8	90.4
First birth . . . . .	34.2	29.5	27.6	27.6	28.4	32.9	28.4	26.5	26.2	26.9	43.3	35.2	32.4	33.5	34.7
Second birth . . . . .	24.2	21.8	22.0	22.0	22.4	23.7	21.0	21.4	21.1	21.4	27.1	25.7	24.5	25.8	26.7
Third birth . . . . .	13.6	10.3	10.4	10.9	11.3	13.3	9.5	9.7	10.1	10.5	16.1	14.5	13.9	15.1	15.9
Fourth birth . . . . .	7.2	3.9	3.8	4.1	4.3	6.8	3.4	3.3	3.6	3.7	10.0	6.7	6.3	6.9	7.4
Fifth birth . . . . .	3.8	1.5	1.4	1.5	1.6	3.4	1.3	1.1	1.2	1.3	6.4	3.0	2.7	2.9	3.1
Sixth and seventh . . . . .	3.2	1.0	0.8	0.9	0.9	2.7	0.8	0.7	0.7	0.7	7.0	2.1	1.8	1.8	2.0
Eighth and over . . . . .	1.8	0.4	0.3	0.3	0.3	1.2	0.3	0.2	0.2	0.2	5.6	0.9	0.6	0.5	0.6

<sup>1</sup> Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 86. Cesarean Section Deliveries, by Age of Mother: 1970 to 1989

[Based on data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

AGE OF MOTHER	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988 <sup>1</sup>	1989
Number of cesarean deliveries (1,000)	195	619	701	730	808	813	877	906	953	933	938
Rate: Mothers, all ages <sup>2</sup> . . . . .	5.5	16.5	17.9	18.5	20.3	21.1	22.7	24.1	24.4	24.7	23.8
Under 20 years . . . . .	3.9	14.5	13.2	13.4	15.0	16.5	16.1	18.3	18.5	19.5	18.1
20 to 24 years . . . . .	4.9	15.8	16.0	17.6	19.0	19.6	21.2	21.9	22.9	20.1	21.1
25 to 29 years . . . . .	5.9	16.7	19.4	19.9	20.5	20.8	22.9	25.3	23.7	26.7	24.8
30 to 34 years . . . . .	7.5	18.0	21.3	20.4	24.6	24.6	26.6	26.2	28.3	28.0	26.6
35 years and over . . . . .	8.3	20.6	24.4	23.6	25.4	26.7	30.7	32.6	31.6	32.1	30.3

<sup>1</sup> Beginning 1988, comparisons with data for earlier years should be made with caution as estimates of change may reflect improvements in the 1988 design rather than true changes in hospital use. <sup>2</sup> Cesarean rates are the number of cesarean deliveries per 100 total deliveries for specified category.

Source: U.S. National Center for Health Statistics, unpublished data.

**No. 87. Live Births, by Race and Type of Hispanic Origin—Selected Characteristics: 1985 and 1989**

[Represents registered births. Excludes births to nonresidents of the United States. Data are available on race of child from all States, but data on Hispanic origin of mother are available from only 23 States and the District of Columbia in 1985 and from 47 States and the District of Columbia in 1989. However, in 1985 approximately 90 percent of all births to Hispanic mothers occur to residents of the 23 States, and in 1989 this percent is approximately 99 percent]

RACE AND HISPANIC ORIGIN	NUMBER OF BIRTHS (1,000)	BIRTHS TO TEENAGE MOTHERS, PERCENT OF TOTAL		BIRTHS TO UNMAR- RIED MOTHERS, PERCENT OF TOTAL		PERCENT OF MOTHERS BEGINNING PRENATAL CARE DURING—				PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>1</sup>		
		1985	1989	1985	1989	1985	1989	First trimester		Third trimester or no care		
								1985	1989	1985	1989	
<b>Total</b> .....	<b>3,761</b>	<b>4,041</b>	<b>12.7</b>	<b>12.8</b>	<b>22.0</b>	<b>27.1</b>	<b>76.2</b>	<b>75.5</b>	<b>5.7</b>	<b>6.4</b>	<b>6.8</b>	<b>7.0</b>
White .....	2,991	3,132	10.8	10.7	14.5	19.0	79.4	79.0	4.7	5.2	5.6	5.7
Black .....	608	709	23.0	23.1	60.1	64.5	61.8	60.4	10.0	11.7	12.4	13.2
American Indian, Eskimo, Aleut .....	43	49	19.1	18.8	40.7	45.6	60.3	60.5	11.5	11.9	5.9	6.4
Asian and Pacific Islander <sup>2</sup> .....	116	147	5.5	6.1	10.1	12.0	75.0	75.6	6.1	5.8	6.1	6.9
Filipino .....	21	26	5.8	6.4	12.1	14.5	77.2	78.0	4.6	4.6	6.9	7.3
Chinese .....	18	23	1.1	1.2	3.7	4.3	82.4	81.9	4.2	3.5	5.0	5.0
Japanese .....	10	11	2.9	2.9	7.9	8.6	85.8	86.7	2.6	2.6	5.9	6.4
Hawaiian .....	7	8	15.9	16.4	(NA)	35.9	(NA)	69.7	(NA)	7.6	6.4	7.2
Hispanic origin <sup>3</sup> .....	373	532	16.5	16.7	29.5	35.5	61.2	59.5	12.5	13.0	6.2	6.2
Mexican .....	243	327	17.5	17.4	25.7	31.7	59.9	56.7	12.9	14.6	5.8	5.6
Puerto Rican .....	35	56	20.9	21.9	51.1	55.2	58.3	62.7	15.5	11.3	8.7	9.5
Cuban .....	10	11	7.1	7.0	16.1	17.5	82.5	83.2	3.7	4.0	6.0	5.8
Central and South American .....	41	72	8.2	8.6	34.9	38.9	60.6	60.8	12.5	11.9	5.7	5.8

<sup>1</sup> NA Not available. <sup>2</sup> Births less than 2,500 grams (5 lb.-8 oz.). <sup>3</sup> Includes races not shown separately. <sup>4</sup> 1988 data.

<sup>4</sup> Hispanic persons may be of any race. Includes other types, not shown separately.

**No. 88. Live Births, by Place of Delivery, Median and Low-Birth Weight, and Prenatal Care: 1970 to 1989**

[Represents registered births. Excludes births to nonresidents of the United States. For total number of births, see table 80. See Appendix III]

YEAR	BIRTHS ATTENDED (1,000)			MEDIAN BIRTH WEIGHT			PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>4</sup>			PERCENT OF BIRTHS BY PERIOD IN WHICH PRE- NATAL CARE BEGAN	
	In hos- pital <sup>1</sup>	Not in hospital		Total <sup>3</sup>	White	Black	Total <sup>3</sup>	White	Black	1st tri- mester	3d tri- mester or no prenatal care
		Physi- cian	Mid- wife and other <sup>2</sup>								
1970 .....	3,708	5	18	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	7.9	6.8	13.9	68.0	7.9
1975 .....	3,105	11	28	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	13.1	72.4	6.0
1980 .....	3,578	12	24	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5	76.3	5.1
1981 .....	3,592	11	27	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.5	76.3	5.2
1982 .....	3,642	10	28	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.6	12.4	76.1	5.5
1983 .....	3,600	10	29	7 lb.-7 oz.	7 lb.-8 oz.	7 lb.-0 oz.	6.8	5.7	12.6	76.2	5.6
1984 .....	3,631	10	28	7 lb.-7 oz.	7 lb.-9 oz.	7 lb.-0 oz.	6.7	5.6	12.4	76.5	5.6
1985 .....	3,722	10	29	7 lb.-7 oz.	7 lb.-9 oz.	7 lb.-0 oz.	6.8	5.6	12.4	76.2	5.7
1986 .....	3,720	9	27	7 lb.-7 oz.	7 lb.-9 oz.	7 lb.-0 oz.	6.8	5.6	12.5	75.9	6.0
1987 .....	3,774	8	27	7 lb.-7 oz.	7 lb.-9 oz.	7 lb.-0 oz.	6.9	5.7	12.7	76.0	6.1
1988 .....	3,872	9	28	7 lb.-7 oz.	7 lb.-9 oz.	7 lb.-0 oz.	6.9	5.6	13.0	75.9	6.1
1989 .....	3,991	13	22	7 lb.-7 oz.	7 lb.-8 oz. <sup>5</sup>	6 lb.-15 oz. <sup>5</sup>	7.0	5.7	13.2	73.9	6.3

<sup>1</sup> Includes all births in hospitals or institutions and in clinics. <sup>2</sup> Includes births with attendant not specified. <sup>3</sup> Includes other races not shown separately. <sup>4</sup> Through 1975, births of 2,500 grams (5 lb.-8 oz.) or less at birth; thereafter, less than 2,500 grams.

<sup>5</sup> By race of mother; data not directly comparable with prior years.

Source of tables 87 and 88: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 89. Births to Unmarried Women, by Race of Child and Age of Mother: 1970 to 1989**

[Excludes births to nonresidents of United States. Data for 1970 include estimates for States in which marital status data were not reported. Beginning in 1980, marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28-35]

RACE OF CHILD AND AGE OF MOTHER	1970	1980	1985	1988	1989	RACE OF CHILD AND AGE OF MOTHER	1970	1980	1985	1988	1989
NUMBER (1,000)											
Total live births <sup>1</sup>	398.7	665.7	828.2	1,005.3	1,094.2	25 to 29 years . . . . .	10	15	18	20	20
White . . . . .	175.1	320.1	433.0	539.7	593.9	30 to 34 years . . . . .	5	6	8	9	10
Black . . . . .	215.1	325.7	365.5	426.7	457.5	35 years and over . . . . .	3	2	3	4	4
Under 15 years . . . . .	9.5	9.0	9.4	9.9	10.6	BIRTHS TO UNMARRIED WOMEN AS PERCENT OF ALL BIRTHS IN RACIAL GROUPS					
15 to 19 years . . . . .	190.4	262.8	270.9	312.5	337.3	Total <sup>1</sup> . . . . .	11	18	22	26	27
20 to 24 years . . . . .	125.7	237.3	300.4	350.9	378.1	White . . . . .	6	11	15	18	19
25 to 29 years . . . . .	40.6	99.6	130.2	196.4	215.5	Black . . . . .	38	55	60	64	64
30 to 34 years . . . . .	19.1	41.0	67.3	94.9	106.3	BIRTH RATE <sup>2</sup>					
35 years and over . . . . .	12.4	16.1	28.2	40.7	46.3	Total <sup>1,3</sup> . . . . .	26.4	29.4	32.8	38.6	41.8
PERCENT DISTRIBUTION											
Total <sup>1</sup> . . . . .	100	100	100	100	100	White <sup>3</sup> . . . . .	13.9	17.6	21.8	26.6	29.2
White . . . . .	44	48	52	54	54	Black <sup>3</sup> . . . . .	95.5	82.9	78.8	88.9	93.1
Black . . . . .	54	49	44	42	42	15 to 19 years . . . . .	22.4	27.6	31.6	36.8	40.6
Under 15 years . . . . .	2	1	1	1	1	20 to 24 years . . . . .	38.4	40.9	46.8	56.7	62.0
15 to 19 years . . . . .	46	40	33	31	31	25 to 29 years . . . . .	37.0	34.0	39.8	48.1	52.3
20 to 24 years . . . . .	32	36	36	35	35	30 to 34 years . . . . .	27.1	21.1	25.0	31.7	34.4

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. <sup>3</sup> Covers women aged 15 to 44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 90. Low Birth Weight and Births to Teenage Mothers and to Unmarried Women—States: 1980 to 1989**

[Represents registered births. Excludes births to nonresidents of the United States. Based on 100 percent of births in all States and the District of Columbia. See Appendix III]

DIVISION AND STATE	PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>1</sup>	BIRTHS TO TEENAGE MOTHERS, PERCENT OF TOTAL		BIRTHS TO UNMARRIED WOMEN, PERCENT OF TOTAL		DIVISION AND STATE	PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>1</sup>	BIRTHS TO TEENAGE MOTHERS, PERCENT OF TOTAL		BIRTHS TO UNMARRIED WOMEN, PERCENT OF TOTAL			
		1980	1989	1980	1988			1980	1989	1980	1988	1980	1989
U.S. . . . .	6.8	7.0	15.6	12.5	18.4	27.1	VA . . . . .	7.5	7.1	15.5	11.2	19.2	25.2
N. Eng. . . . .	6.2	6.0	11.6	8.7	15.5	23.4	WV . . . . .	6.7	6.6	20.1	16.9	13.1	23.5
ME . . . . .	6.5	4.9	15.3	10.9	13.9	21.8	NC . . . . .	7.9	8.1	19.2	16.0	19.0	27.7
NH . . . . .	5.4	5.1	10.7	7.5	11.0	15.7	SC . . . . .	8.6	9.2	19.8	16.8	23.0	31.6
VT . . . . .	5.9	5.5	13.0	8.9	13.7	19.3	GA . . . . .	8.6	8.4	20.7	16.5	23.2	31.7
MA . . . . .	6.1	5.9	10.7	8.2	15.7	23.8	FL . . . . .	7.6	7.7	18.2	13.7	23.0	30.2
RI . . . . .	6.3	6.2	12.3	10.3	15.7	24.9	E. So. Cent. . . . .	7.8	8.1	21.0	17.9	20.9	29.7
CT . . . . .	6.7	6.9	11.4	8.6	21.7	26.3	KY . . . . .	6.8	6.9	21.1	17.3	15.1	22.6
Mid. Atl. . . . .	7.1	7.4	12.6	9.8	21.3	29.1	TN . . . . .	8.0	8.2	19.9	17.2	19.9	29.1
NY . . . . .	7.4	7.7	11.8	9.4	22.8	231.9	AL . . . . .	7.9	8.3	20.6	17.4	22.2	29.8
NJ . . . . .	7.2	7.3	12.3	8.9	21.1	24.1	MS . . . . .	8.7	9.4	23.2	20.7	28.0	39.4
PA . . . . .	6.5	7.1	13.9	10.9	17.7	27.9	W. So. Cent. . . . .	7.3	7.4	19.1	15.8	15.8	23.1
E. No. Cent. . . . .	6.7	7.1	15.2	12.7	18.0	27.0	AR . . . . .	7.6	8.3	21.6	18.9	20.5	27.7
OH . . . . .	6.8	7.0	15.7	13.5	21.7	28.0	LA . . . . .	8.6	9.1	20.1	16.8	23.4	35.3
IN . . . . .	6.3	6.6	17.3	14.1	15.5	23.8	OK . . . . .	6.8	6.5	19.6	16.0	14.0	23.8
IL . . . . .	7.2	7.7	15.7	12.5	22.5	30.9	TX . . . . .	6.9	7.0	18.3	15.2	213.3	219.6
MI . . . . .	6.9	7.6	14.0	12.5	21.62	224.5	Mt. . . . .	6.6	6.6	14.3	12.1	12.7	23.8
WI . . . . .	5.4	5.8	12.3	9.8	13.9	23.4	MT . . . . .	5.6	5.5	12.4	9.9	12.5	21.7
W. No. Cent. . . . .	5.7	5.8	13.5	10.3	13.1	21.7	ID . . . . .	5.3	5.5	13.1	11.6	7.9	16.1
MN . . . . .	5.1	4.9	10.4	7.3	11.4	19.5	CO . . . . .	7.3	7.3	15.5	12.0	20.5	
IA . . . . .	5.0	5.4	12.5	9.3	10.3	19.4	WY . . . . .	8.2	7.8	13.3	10.7	8.2	18.5
MO . . . . .	6.6	6.9	16.9	13.7	17.6	27.1	NM . . . . .	7.6	7.0	18.2	15.7	16.1	34.5
ND . . . . .	4.9	5.0	10.9	7.6	9.2	16.9	AZ . . . . .	6.2	6.3	16.5	13.8	18.7	30.8
SD . . . . .	5.1	5.4	13.5	10.6	13.4	21.8	UT . . . . .	5.2	5.7	11.0	9.3	6.2	12.7
NE . . . . .	5.6	5.8	12.1	9.3	11.6	19.3	NV . . . . .	6.6	7.2	15.4	12.5	13.5	23.5
KS . . . . .	5.8	6.1	15.0	11.4	12.3	19.6	Pac. . . . .	5.8	6.0	13.8	10.9	19.6	28.8
So. Atl. . . . .	8.0	8.0	18.3	14.3	22.2	29.7	WA . . . . .	5.1	5.8	12.5	10.6	13.6	23.4
DE . . . . .	7.7	7.5	16.7	12.8	24.2	29.1	OR . . . . .	4.9	5.2	13.3	11.4	14.8	25.3
MD . . . . .	8.2	8.0	14.8	11.2	25.2	28.9	CA . . . . .	5.9	6.1	13.9	11.1	21.4	30.0
DC . . . . .	12.8	15.9	20.7	17.6	56.5	64.3	AK . . . . .	5.4	4.9	11.8	9.3	15.1	24.6
							HI . . . . .	7.1	7.1	11.5	9.4	17.6	23.8

<sup>1</sup> Less than 2,500 grams (5 pounds-8 ounces). <sup>2</sup> Marital status of mother is inferred.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

## Vital Statistics

## No. 91. Women Who Have Had a Child in the Last Year, by Age: 1980 to 1990

[As of June. See headnote, table 92]

AGE OF MOTHER	WOMEN WHO HAD A CHILD IN LAST YEAR (1,000)				TOTAL BIRTHS PER 1,000 WOMEN				FIRST BIRTHS PER 1,000 WOMEN			
	1980	1985	1988	1990 <sup>1</sup>	1980	1985	1988	1990 <sup>1</sup>	1980	1985	1988	1990 <sup>1</sup>
Total.....	3,247	3,497	3,667	3,913	71.1	68.6	69.7	67.0	28.5	27.1	24.4	26.4
18 to 29 years old.....	2,476	2,512	2,384	2,568	103.7	101.4	99.3	90.8	48.6	47.1	42.0	43.2
18 to 24 years old .....	1,396	1,339	1,146	1,376	96.6	95.4	87.1	78.0	(NA)	53.5	47.7	41.4
25 to 29 years old .....	1,081	1,173	1,238	1,192	114.8	109.2	114.2	112.1	(NA)	38.7	35.2	46.2
30 to 44 years old.....	770	984	1,283	1,346	35.4	37.6	44.9	44.7	6.3	8.0	9.6	10.6
30 to 34 years old .....	519	704	884	892	60.0	69.9	81.6	80.4	(NA)	15.8	20.3	21.9
35 to 39 years old .....	192	229	324	377	26.9	25.9	33.8	37.3	(NA)	5.2	5.1	6.5
40 to 44 years old .....	59	51	75	77	9.9	7.1	9.2	8.6	(NA)	0.8	0.5	1.2

<sup>1</sup> NA Not available.<sup>1</sup> Data for 1990 reflect lowering of age limit to 15 years old.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 454 and earlier reports.

## No. 92. Social and Economic Characteristics of Women, 15 to 44 Years Old, Who Have Had a Child in the Last Year: 1990

[As of June. Covers civilian noninstitutional population. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system. Based on Current Population Survey (CPS); see text, section 1 and Appendix III.]

CHARACTERISTIC	TOTAL, 15 TO 44 YEARS OLD			15 TO 29 YEARS OLD			30 TO 44 YEARS OLD		
	Number of women (1,000)	Women who have had a child in the last year		Number of women (1,000)	Women who have had a child in the last year		Number of women (1,000)	Women who have had a child in the last year	
		Total births per 1,000 women	First births per 1,000 women		Total births per 1,000 women	First births per 1,000 women		Total births per 1,000 women	First births per 1,000 women
		58,381	67	26	28,274	91	43	30,107	45
Total <sup>1</sup> .....	58,381	67	26	28,274	91	43	30,107	45	11
White.....	48,277	65	26	23,039	88	43	25,238	45	11
Black.....	7,846	78	25	4,132	107	42	3,713	46	6
Asian or Pacific Islander.....	1,737	58	28	797	79	41	940	40	16
Hispanic <sup>2</sup> .....	5,268	93	32	2,857	121	51	2,411	61	10
Married, spouse present.....	29,696	95	34	9,287	181	80	20,409	56	14
Married, spouse absent <sup>3</sup> .....	2,397	73	22	913	137	49	1,484	34	6
Widowed or divorced.....	5,548	26	4	1,094	72	14	4,454	15	2
Single.....	20,739	37	21	16,980	40	25	3,759	22	7
Years of school completed:									
Not a high school graduate.....	12,385	66	23	8,607	78	32	3,778	39	4
High school, 4 years.....	21,939	72	29	9,852	119	56	12,086	35	6
College: 1-3 years.....	13,045	60	22	6,215	74	35	6,830	47	9
4 or more years.....	11,012	67	31	3,600	75	48	7,412	62	23
4 years.....	7,406	68	33	2,725	74	49	4,681	65	24
5 or more years.....	3,606	63	27	875	80	45	2,731	57	21
Labor force status: In labor force.....	41,648	50	22	19,149	67	37	22,499	35	10
Employed.....	38,840	49	21	17,306	66	36	21,534	35	10
Unemployed.....	2,808	62	32	1,842	73	43	965	40	11
Not in labor force.....	16,733	110	37	9,125	142	57	7,608	73	13
Occupation of employed women:									
Managerial-professional.....	9,837	49	22	3,133	62	38	6,704	43	14
Technical, sales, and admin. support.....	17,311	51	23	8,300	68	38	9,010	36	10
Service workers.....	7,065	46	20	4,003	59	33	3,062	29	3
Farming, forestry, and fishing.....	463	40	12	210	67	21	253	18	4
Precision prod., craft, and repair.....	847	48	18	266	94	33	561	25	11
Operators, fabricators, and laborers.....	3,318	44	14	1,375	82	30	1,943	18	3
Family income: Under \$10,000.....	8,129	88	33	4,609	124	52	3,521	40	7
\$10,000 to \$14,999.....	5,224	76	29	2,987	107	48	2,238	35	3
\$15,000 to \$19,999.....	4,204	76	32	2,229	115	53	1,975	32	8
\$20,000 to \$29,999.....	9,630	64	22	4,792	88	36	4,838	41	7
\$30,000 to \$34,999.....	4,918	65	22	2,243	81	36	2,675	51	9
\$35,000 to \$49,999.....	10,394	62	29	4,580	86	52	5,814	43	12
\$50,000 and over.....	12,034	56	25	4,960	54	32	7,074	57	20

<sup>1</sup> Includes women of other races and women with family income not reported, not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Includes separated women.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 454.

# Children Born and Characteristics of Mother

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## No. 93. Women Who Have Had a Child in the Last Year, by Age and Labor Force Status: 1976 to 1990

[See headnote, table 92. 1989 data not available]

YEAR	TOTAL, 18 TO 44 YEARS OLD				18 TO 29 YEARS OLD				30 TO 44 YEARS OLD			
	All women, percent in labor force	Women who have had a child in the last year			All women, percent in labor force	Women who have had a child in the last year			All women, percent in labor force	Women who have had a child in the last year		
		Number (1,000)	In the labor force	Percent		Number (1,000)	In the labor force	Percent		Number (1,000)	In the labor force	Percent
1976 .....	60	2,797	865	31	(NA)	2,220	706	32	(NA)	577	159	28
1980 .....	66	3,247	1,233	38	68	2,476	947	38	64	770	287	37
1981 .....	67	3,381	1,411	42	69	2,499	1,004	40	66	881	407	46
1982 .....	68	3,433	1,508	44	70	2,445	1,040	43	67	988	469	48
1983 .....	69	3,625	1,563	43	71	2,682	1,138	42	68	942	425	45
1984 .....	70	3,311	1,547	47	72	2,375	1,058	45	69	936	489	52
1985 .....	71	3,497	1,691	48	71	2,512	1,204	48	70	984	488	50
1986 .....	72	3,625	1,805	50	73	2,452	1,185	48	72	1,174	620	53
1987 .....	73	3,701	1,881	51	73	2,521	1,258	50	73	1,180	623	53
1988 .....	73	3,667	1,866	51	74	2,384	1,177	49	73	1,283	688	54
1990 <sup>1</sup> .....	71	3,913	2,068	53	68	2,568	1,275	50	75	1,346	793	59

NA Not available. <sup>1</sup> 15 to 44 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 454, and earlier reports.

## No. 94. Childless Women and Children Ever Born, by Race, Age, and Marital Status: 1990

[See headnote, table 92]

CHARACTERISTIC	Total number of women (1,000)	WOMEN BY NUMBER OF CHILDREN EVER BORN (percent)				CHILDREN EVER BORN	
		Total	None	One	Two or more	Total number (1,000)	Per 1,000 women
<b>ALL RACES <sup>1</sup></b>							
Women ever married.....	37,642	100	19	23	58	66,124	1,757
15 to 19 years .....	433	100	45	42	13	311	718
20 to 24 years .....	3,521	100	39	34	28	3,495	993
25 to 29 years .....	7,340	100	29	28	42	9,752	1,329
30 to 34 years .....	9,118	100	17	23	60	16,305	1,788
35 to 39 years .....	9,035	100	12	18	69	18,507	2,048
40 to 44 years .....	8,194	100	11	17	72	17,754	2,167
Women never married.....	20,739	100	82	10	8	6,707	323
15 to 19 years .....	8,049	100	94	5	1	546	68
20 to 24 years .....	5,633	100	81	12	8	1,759	312
25 to 29 years .....	3,297	100	71	14	16	1,828	555
30 to 34 years .....	1,972	100	67	14	19	1,318	668
35 to 39 years .....	1,076	100	64	15	21	797	741
40 to 44 years .....	711	100	70	13	17	457	644
<b>WHITE</b>							
Women ever married.....	32,570	100	20	23	57	55,599	1,707
15 to 19 years .....	382	100	47	43	11	256	671
20 to 24 years .....	3,086	100	40	34	26	2,930	949
25 to 29 years .....	6,419	100	31	28	41	8,205	1,278
30 to 34 years .....	7,879	100	17	24	59	13,740	1,744
35 to 39 years .....	7,722	100	13	19	69	15,396	1,994
40 to 44 years .....	7,083	100	12	17	72	15,072	2,128
Women never married.....	15,707	100	89	7	4	2,666	170
15 to 19 years .....	6,419	100	96	4	-	282	44
20 to 24 years .....	4,388	100	88	9	3	752	171
25 to 29 years .....	2,345	100	82	10	8	730	311
30 to 34 years .....	1,331	100	83	9	9	425	319
35 to 39 years .....	724	100	77	13	10	294	407
40 to 44 years .....	501	100	81	11	9	183	365
<b>BLACK</b>							
Women ever married.....	3,657	100	13	21	66	7,927	2,168
15 to 19 years .....	36	100	35	35	30	38	1,039
20 to 24 years .....	312	100	26	31	43	434	1,390
25 to 29 years .....	657	100	15	27	58	1,198	1,824
30 to 34 years .....	894	100	12	19	69	1,960	2,192
35 to 39 years .....	942	100	9	17	75	2,321	2,464
40 to 44 years .....	816	100	10	20	70	1,977	2,422
Women never married.....	4,189	100	53	20	26	3,890	929
15 to 19 years .....	1,308	100	85	11	3	245	187
20 to 24 years .....	1,015	100	50	23	27	958	943
25 to 29 years .....	804	100	34	25	41	1,081	1,344
30 to 34 years .....	568	100	29	28	43	863	1,519
35 to 39 years .....	315	100	34	21	46	480	1,525
40 to 44 years .....	178	100	36	23	41	263	1,477

<sup>1</sup> Represents or rounds to zero. <sup>1</sup> Includes other races, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 454.

**No. 95. Ability to Bear Children, Women 15 to 44 Years Old, by Age and Number of Prior Births: 1982 and 1988**

[Based on the 1982 and 1988 National Survey of Family Growth]

AGE AND NUMBER OF PRIOR BIRTHS	PERCENT DISTRIBUTION									
	ALL WOMEN (1,000)		Surgically sterile <sup>1</sup>				Impaired fecundity <sup>4</sup>		Fecund <sup>5</sup>	
			Contraceptive <sup>2</sup>		Noncontraceptive <sup>3</sup>					
	1982	1988	1982	1988	1982	1988	1982	1988	1982	1988
All women.....	54,099	57,900	18.6	23.3	6.6	4.7	8.4	8.4	66.3	63.6
15 to 24 years old.....	20,150	18,592	2.1	2.0	(B)	(B)	4.3	4.8	93.4	93.0
25 to 34 years old.....	19,644	21,726	21.0	22.9	4.9	2.7	10.0	9.6	64.2	64.7
35 to 44 years old.....	14,305	17,582	38.7	46.3	16.3	12.0	12.1	10.6	31.0	31.0
No prior births, total.....	22,941	25,129	1.7	2.8	1.4	1.5	8.4	8.8	88.5	86.9
15 to 24 years old.....	15,547	14,978	(B)	(B)	-	-	4.1	4.1	95.8	95.7
25 to 34 years old.....	5,628	7,252	(B)	3.1	(B)	(B)	14.7	13.4	80.2	82.0
35 to 44 years old.....	1,766	2,899	(B)	15.8	12.7	9.2	25.7	21.4	51.3	53.6
One or more prior births,										
total.....	31,158	32,771	31.2	39.0	10.5	7.1	8.5	8.1	49.9	45.8
15 to 24 years old.....	4,603	3,614	9.0	9.8	(B)	(B)	5.2	7.7	85.2	81.8
25 to 34 years old.....	14,016	14,474	28.1	32.8	6.1	3.3	8.1	7.8	57.8	56.1
35 to 44 years old.....	12,539	14,683	42.7	52.3	19.0	12.5	10.1	8.5	28.1	26.7

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> Base figure too small to meet statistical standards for reliability of a derived figure. <sup>3</sup> Includes sterilization of the husband or the wife. <sup>4</sup> Sterilization performed to prevent pregnancy. <sup>5</sup> Includes women who had surgery to correct medical problems with their reproductive organs. <sup>6</sup> Includes women who (a) said that it was impossible to have a baby for some reason other than a sterilization operation; (b) said that it was physically difficult for them to conceive or deliver a baby, or (c) were continuously married or cohabiting, had not used contraception, and had not become pregnant for 3 years or more. <sup>7</sup> Includes women who are neither surgically sterile nor have impaired fecundity.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 192.

**No. 96. Lifetime Births Expected Per 1,000 Wives: 1971 to 1990**

[As of June. See headnote, table 97]

YEAR	LIFETIME BIRTHS TO ALL WIVES <sup>1</sup> AGED—			LIFETIME BIRTHS TO WHITE WIVES AGED—			LIFETIME BIRTHS TO BLACK WIVES AGED—			LIFETIME BIRTHS TO HISPANIC <sup>2</sup> WIVES <sup>1</sup> AGED—		
	18 to 24 yrs. old	25 to 29 yrs. old	30 to 34 yrs. old	18 to 24 yrs. old	25 to 29 yrs. old	30 to 34 yrs. old	18 to 24 yrs. old	25 to 29 yrs. old	30 to 34 yrs. old	18 to 24 yrs. old	25 to 29 yrs. old	30 to 34 yrs. old
1971.....	2,375	2,619	2,989	2,353	2,577	2,936	2,623	3,112	3,714	(NA)	(NA)	(NA)
1975.....	2,173	2,260	2,610	2,147	2,233	2,564	2,489	2,587	3,212	2,223	2,607	3,238
1980.....	2,134	2,166	2,248	2,130	2,146	2,223	2,155	2,426	2,522	2,428	2,495	2,909
1985.....	2,183	2,236	2,167	2,177	2,227	2,139	2,242	2,259	2,521	2,367	2,628	2,712
1990.....	2,244	2,285	2,277	2,218	2,272	2,257	2,509	2,443	2,579	2,404	2,482	2,824

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race.

**No. 97. Lifetime Births Expected by Women, 18 to 34 Years Old, by Selected Characteristics: 1990**

[As of June. Covers women in the civilian noninstitutional population. Based on Current Population Survey; see text, section 1 and Appendix III.]

CHARACTERISTIC	Women reporting on birth expectations (1,000)	RATE PER 1,000 WOMEN			PERCENTAGE EXPECTING—	
		Births to date	Future births expected	Lifetime births expected	No lifetime births	No future births
Total <sup>1</sup> .....	24,359	1,130	986	2,116	9.4	47.3
White.....	20,412	1,067	1,035	2,102	9.5	45.1
Black.....	3,085	1,585	649	2,234	8.4	62.2
Hispanic <sup>2</sup> .....	2,306	1,516	888	2,404	5.9	51.7
Not a high school graduate.....	3,774	1,785	654	2,439	6.9	62.2
High school, 4 years.....	9,920	1,255	823	2,077	8.9	53.6
College: 1 or more years.....	10,664	782	1,256	2,038	10.7	36.0
1 to 3 years.....	6,043	882	1,184	2,066	9.6	40.0
4 or more years.....	4,621	651	1,350	2,001	12.1	30.8
In labor force.....	17,742	903	1,096	1,999	10.8	43.2
Employed.....	16,510	884	1,105	1,989	10.9	42.7
Unemployed.....	1,232	1,154	976	2,130	8.5	50.2
Not in labor force.....	6,617	1,739	690	2,429	5.8	58.1
Managerial and professional.....	3,946	699	1,278	1,977	10.8	34.8
Technical, sales, and admin. support.....	7,744	821	1,134	1,954	10.9	41.3
Service occupations.....	2,928	1,070	1,027	2,096	9.1	46.8
Farming, forestry, and fishing.....	180	1,338	831	2,169	16.1	58.2
Precision production, craft, and repairs.....	335	1,168	678	1,846	12.4	59.4
Operators, fabricators, and laborers.....	1,377	1,247	760	2,006	14.3	58.5

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Hispanic persons may be of any race.

Source of tables 96 and 97: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 454.

# Contraceptive Use—Family Planning Visits

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## No. 98. Contraceptive Use by Women, 15 to 44 Years Old, by Age, Race, Marital Status, and Method of Contraception: 1982 and 1988

[Based on the 1982 and 1988 National Survey of Family Growth; see Appendix III]

CONTRACEPTIVE STATUS AND METHOD	All women, 1982	1988								
		All women <sup>1</sup>	AGE			RACE		MARITAL STATUS		
			15-24 years	25-34 years	35-44 years	White	Black	Never married	Currently married	Formerly married
All women (1,000) . . . . .	54,099	57,900	18,592	21,728	17,582	47,077	7,679	21,058	29,147	7,695
PERCENT DISTRIBUTION										
Sterile . . . . .	27.2	29.7	3.1	27.0	61.3	30.5	29.6	5.2	44.0	42.6
Surgically sterile . . . . .	25.7	28.3	2.4	26.0	58.7	29.2	27.8	4.3	42.4	40.9
Noncontraceptively sterile <sup>2</sup> . . . . .	6.6	4.7	0.2	2.7	12.0	4.7	5.7	0.9	6.2	9.7
Contraceptively sterile <sup>3</sup> . . . . .	19.0	23.6	2.2	23.3	46.7	24.5	22.1	3.4	36.2	31.3
Nonsurgically sterile <sup>4</sup> . . . . .	1.5	1.4	0.7	0.9	2.7	1.3	1.8	1.0	1.6	1.7
Pregnant, postpartum . . . . .	5.0	4.8	5.0	7.6	1.1	4.8	5.0	2.4	7.1	2.5
Seeking pregnancy . . . . .	4.2	3.8	2.7	5.8	2.4	3.7	3.9	1.3	6.0	2.0
Other nonusers . . . . .	26.9	25.0	45.7	16.7	13.5	23.8	26.9	52.5	4.8	26.6
Not sexually active <sup>5</sup> . . . . .	19.5	19.0	37.9	10.3	8.5	18.1	16.7	43.5	0.3	19.5
Sexually active <sup>6</sup> . . . . .	7.4	6.5	7.8	6.4	5.0	5.7	10.2	9.0	4.5	7.1
Nonsurgical contraceptors . . . . .	36.7	36.7	43.5	43.0	21.6	37.2	34.6	38.5	38.1	26.3
Pill . . . . .	15.6	18.5	29.7	21.6	3.0	18.4	21.6	24.7	15.1	14.5
IUD . . . . .	4.0	1.2	0.1	1.4	2.1	1.1	1.7	0.6	1.5	2.1
Diaphragm . . . . .	4.5	3.5	1.3	4.8	4.1	3.8	1.1	2.1	4.6	3.0
Condom . . . . .	6.7	8.8	9.5	9.1	7.7	9.2	5.8	8.2	10.6	3.4
Foam . . . . .	1.3	0.6	0.3	0.8	0.8	0.6	0.6	0.2	1.0	0.5
Rhythm <sup>6</sup> . . . . .	2.2	1.4	0.6	1.7	1.8	1.4	1.2	0.6	2.1	1.1
Other methods <sup>7</sup> . . . . .	2.5	2.6	2.0	3.6	2.2	2.5	2.6	2.1	3.2	1.7

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons who had sterilizing operation and who gave as one reason that they had medical problems with their female organs. <sup>3</sup> Includes all other sterilization operations and sterilization of the husband or current partner. <sup>4</sup> Persons sterile from illness, accident, or congenital conditions. <sup>5</sup> Those having intercourse in the last 3 months before the survey. <sup>6</sup> Periodic abstinence and natural family planning. <sup>7</sup> Withdrawal, douche, suppository, and less frequently used methods.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 182, and unpublished data.

## No. 99. Family Planning Visits—Number of Women: 1982 and 1988

[For women 15 to 44 years old. Number of family planning visits in the 12 months before the interview. Family planning services include (1) counseling for problems with or worries about sexual intercourse, and unwanted pregnancy or one that occurred at a bad time, having a sterilizing operation, or birth control; (2) a checkup or medical test for correct use, fit, or position of a birth control method, or health problems from using a birth control method; and (3) a visit to a physician or clinic to obtain a new method of birth control, or to renew a method already being used. Based on the 1982 and 1988 National Survey of Family Growth; see Appendix III.]

AGE AND POVERTY LEVEL	ALL RACES <sup>1</sup>		WHITE		BLACK	
	1982	1988	1982	1988	1982	1988
<b>AGE</b>						
All ages . . . . .	54,099	57,900	45,367	47,077	6,985	7,679
15 to 19 years old . . . . .	9,521	9,179	7,815	7,313	1,416	1,409
20 to 24 years old . . . . .	10,629	9,413	8,855	7,401	1,472	1,364
25 to 29 years old . . . . .	10,263	10,796	8,560	8,672	1,335	1,459
30 to 34 years old . . . . .	9,381	10,930	7,916	9,010	1,144	1,406
35 to 39 years old . . . . .	7,893	9,583	6,697	7,936	884	1,170
40 to 44 years old . . . . .	6,412	7,999	5,515	6,745	734	872
<b>POVERTY LEVEL</b>						
0 to 149 percent . . . . .	13,843	13,561	10,093	9,052	3,338	3,601
150 percent or more . . . . .	40,256	44,339	35,275	38,024	3,647	4,078

<sup>1</sup> Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 184.

**No. 100. Abortions—Estimated Number, Rate, and Ratio, by Race: 1972 to 1988**

[Refers to women 15 to 44 years old at time of abortion]

YEAR	ALL RACES			WHITE			BLACK AND OTHER		
	Women 15-44 years old (1,000)	Abortions		Women 15-44 years old (1,000)	Abortions		Women 15-44 years old (1,000)	Abortions	
		Number (1,000)	Rate per 1,000 women		Number (1,000)	Rate per 1,000 women		Number (1,000)	Rate per 1,000 women
1972	44,588	586.8	13.2	184	38,532	455.3	11.8	175	6,056
1975	47,606	1,034.2	21.7	331	40,857	701.2	17.2	276	6,749
1976	48,721	1,179.3	24.2	361	41,721	784.9	18.8	296	7,000
1977	49,814	1,316.7	26.4	400	42,567	888.8	20.9	333	7,247
1978	50,920	1,409.8	27.7	413	43,427	969.4	22.3	356	7,483
1979	52,016	1,497.7	28.8	420	44,266	1,062.4	24.0	373	7,750
1980	53,048	1,583.9	29.3	428	44,942	1,093.6	24.3	376	8,106
1981	53,901	1,577.3	29.3	430	45,494	1,107.8	24.3	377	8,407
1982	54,679	1,573.9	28.8	428	46,049	1,095.2	23.8	373	8,630
1983	55,340	1,575.0	28.5	436	46,506	1,084.4	23.3	376	8,834
1984	56,061	1,577.2	28.1	423	47,023	1,086.6	23.1	366	9,038
1985	56,754	1,588.6	28.0	422	47,512	1,075.6	22.6	360	9,242
1986 <sup>2</sup>	57,483	1,574.0	27.4	416	48,010	1,044.7	21.8	350	9,473
1987	57,964	1,559.1	27.1	405	48,288	1,017.3	21.1	338	9,676
1988	58,192	1,590.8	27.3	401	48,325	1,025.7	21.2	333	9,867

<sup>1</sup> See headnote, table 102. <sup>2</sup> Total abortions in 1986 have been estimated by interpolation between 1985 and 1987.Source: 1972, U.S. Centers for Disease Control, Atlanta, GA, *Abortion Surveillance, Annual Summary, 1972, 1974, and The Alan Guttmacher Institute; 1975-1988, S.K. Henshaw and J. Van Vort, eds., Abortion Services in the United States, Each State and Metropolitan Area, 1987-1988*, The Alan Guttmacher Institute, New York, NY, 1992 (copyright).**No. 101. Abortions, by Selected Characteristics: 1973 to 1988**

[Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) annual abortion surveillance summaries, with adjustments for changes in States reporting data to the CDC each year]

CHARACTERISTIC	NUMBER (1,000)				PERCENT DISTRIBUTION				ABORTION RATIO <sup>1</sup>			
	1973	1980	1985	1988	1973	1980	1985	1988	1973	1980	1985	1988
Total abortions .....	745	1,554	1,589	1,591	100	100	100	100	193	300	297	286
Age of woman:												
Less than 15 years old .....	12	15	17	14	2	1	1	1	476	607	624	553
15 to 19 years old .....	232	445	399	393	31	29	25	25	280	451	462	444
20 to 24 years old .....	241	549	548	520	32	35	35	35	33	310	328	327
25 to 29 years old .....	130	304	336	347	17	20	21	21	22	218	219	218
30 to 34 years old .....	73	153	181	197	10	10	11	11	12	213	203	184
35 to 39 years old .....	41	67	87	96	6	4	5	6	246	317	280	254
40 years old and over .....	17	21	21	24	2	1	1	2	334	461	409	361
Race of woman:												
White .....	549	1,094	1,076	1,026	74	70	68	65	178	274	265	250
Black and other .....	196	460	513	565	26	30	32	36	252	392	397	389
Marital status of woman:												
Married .....	216	320	281	277	29	21	18	17	74	98	88	87
Unmarried .....	528	1,234	1,307	1,314	71	79	82	83	564	649	605	556
Number of prior live births:												
None .....	411	900	872	814	55	58	55	51	242	365	358	333
One .....	115	305	349	379	15	20	22	24	108	208	219	227
Two .....	104	216	240	262	14	14	15	17	190	283	288	288
Three .....	61	83	85	93	8	5	5	6	228	288	281	276
Four or more .....	55	51	43	43	7	3	3	3	196	251	230	213
Number of prior induced abortions:												
None .....	(NA)	1,043	944	908	(NA)	67	60	57	(NA)	(NA)	(NA)	(NA)
One .....	(NA)	373	416	429	(NA)	24	26	27	(NA)	(NA)	(NA)	(NA)
Two or more .....	(NA)	138	228	254	(NA)	9	14	16	(NA)	(NA)	(NA)	(NA)
Weeks of gestation: <sup>2</sup>												
Less than 9 weeks .....	284	800	811	800	38	52	51	50	(NA)	(NA)	(NA)	(NA)
9-10 weeks .....	222	417	425	424	30	27	27	27	(NA)	(NA)	(NA)	(NA)
11-12 weeks .....	131	202	198	198	18	13	12	12	(NA)	(NA)	(NA)	(NA)
13 weeks or more .....	108	136	154	168	15	9	10	11	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Number of abortions per 1,000 abortions and live births. Live births are those which occurred from July 1 of year shown through June 30 of the following year (to match time of conception with abortions). <sup>2</sup> Beginning 1985, data not exactly comparable with prior years because of a change in the method of calculation.Source: S.K. Henshaw and J. Van Vort, eds., *Abortion Services in the United States, Each State and Metropolitan Area, 1987-1988*, The Alan Guttmacher Institute, New York, NY, 1992 (copyright).

**No. 102. Abortions—Number, Rate per 1,000 Women 15 to 44 Years Old, and Abortion/Live Birth Ratio, by State of Occurrence: 1980 to 1988**

[Number of abortions are from surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by The Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15 to 44 years of age on July 1 of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from July 1 of year shown to June 30 of following year, by State of occurrence.]

DIVISION, REGION, AND STATE	NUMBER OF ABORTIONS (1,000)			RATE PER 1,000 WOMEN, 15 TO 44 YEARS OLD			RATIO: ABORTIONS PER 1,000 LIVE BIRTHS		
	1980	1985	1988	1980	1985	1988	1980	1985	1988
United States . . . . .	1,554	1,589	1,591	29.3	28.0	27.3	428	422	401
Northeast . . . . .	396	407	387	34.9	(NA)	32.4	604	(NA)	495
New England . . . . .	84	85	87	28.9	28.6	27.9	530	504	433
Maine . . . . .	5	5	5	18.6	18.6	16.2	289	308	281
New Hampshire . . . . .	5	7	5	21.1	29.0	17.5	347	419	259
Vermont . . . . .	4	3	4	30.4	26.2	25.8	466	448	451
Massachusetts . . . . .	46	40	44	33.5	29.3	30.2	609	533	448
Rhode Island . . . . .	7	8	7	30.7	35.5	30.6	529	572	477
Connecticut . . . . .	19	22	24	25.6	29.3	31.2	561	550	506
Middle Atlantic . . . . .	312	322	300	37.0	37.6	34.0	627	607	516
New York . . . . .	188	195	184	45.8	47.4	43.3	780	746	629
New Jersey . . . . .	56	69	64	32.8	39.6	35.1	591	672	553
Pennsylvania . . . . .	69	57	52	26.1	21.3	18.9	423	348	300
Midwest . . . . .	318	289	292	23.3	(NA)	20.7	336	(NA)	319
East North Central . . . . .	243	221	223	24.9	22.1	22.4	369	356	343
Ohio . . . . .	67	57	53	26.8	22.4	21.0	397	357	324
Indiana . . . . .	20	16	16	15.3	12.2	11.9	227	202	184
Illinois . . . . .	69	65	73	25.9	23.8	26.4	374	372	392
Michigan . . . . .	65	64	63	29.7	28.7	28.5	457	486	442
Wisconsin . . . . .	22	18	18	20.1	15.7	16.0	292	246	249
West North Central . . . . .	75	68	69	19.2	16.7	16.7	260	252	261
Minnesota . . . . .	20	17	19	20.7	16.6	18.2	288	257	279
Iowa . . . . .	9	10	9	14.3	15.0	14.6	195	248	252
Missouri . . . . .	22	20	19	19.4	17.3	16.4	273	261	262
North Dakota . . . . .	3	3	2	21.5	18.5	14.9	235	230	197
South Dakota . . . . .	1	2	1	9.0	10.6	5.7	103	140	81
Nebraska . . . . .	6	7	6	17.9	18.2	17.7	227	268	261
Kansas . . . . .	14	10	11	25.6	18.2	20.1	343	264	305
South . . . . .	457	453	470	25.9	(NA)	23.4	369	(NA)	342
South Atlantic . . . . .	255	257	277	29.4	27.1	27.7	462	429	408
Delaware . . . . .	4	5	6	25.9	30.9	35.7	395	451	498
Maryland . . . . .	31	30	33	29.2	26.9	28.6	571	480	462
District of Columbia . . . . .	29	24	26	168.3	145.9	163.3	1,569	1,186	1,248
Virginia . . . . .	32	34	35	24.2	24.0	23.7	417	412	382
West Virginia . . . . .	3	5	3	6.9	10.1	7.5	104	185	140
North Carolina . . . . .	32	34	40	22.8	22.6	25.4	377	379	389
South Carolina . . . . .	14	11	14	18.2	13.7	16.7	274	228	257
Georgia . . . . .	38	38	37	28.4	26.1	23.5	395	397	331
Florida . . . . .	74	77	83	35.5	31.8	31.5	547	465	434
East South Central . . . . .	65	57	57	19.2	15.8	15.6	271	258	240
Kentucky . . . . .	13	10	12	15.1	11.0	13.0	215	189	213
Tennessee . . . . .	26	22	22	23.6	19.1	18.9	352	315	290
Alabama . . . . .	21	19	18	23.1	20.2	18.7	331	333	282
Mississippi . . . . .	6	6	5	10.6	9.7	8.4	132	142	122
West South Central . . . . .	137	139	136	24.5	21.8	21.3	308	290	297
Arkansas . . . . .	6	5	6	12.3	10.1	11.6	173	159	180
Louisiana . . . . .	18	19	17	17.6	17.4	16.3	218	240	241
Oklahoma . . . . .	11	13	12	16.4	17.1	16.2	221	269	255
Texas . . . . .	102	101	101	30.0	25.5	24.8	367	320	331
West . . . . .	383	440	442	36.8	(NA)	36.3	486	(NA)	492
Mountain . . . . .	68	75	69	25.0	23.6	21.9	302	316	294
Montana . . . . .	4	4	3	20.1	19.0	16.5	265	288	263
Idaho . . . . .	3	3	2	12.7	11.1	8.2	141	155	124
Wyoming . . . . .	1	1	1	9.5	7.9	5.1	107	125	89
Colorado . . . . .	23	24	19	31.4	28.8	22.4	447	438	350
New Mexico . . . . .	8	6	7	27.0	17.4	19.1	358	219	249
Arizona . . . . .	16	22	23	25.0	29.9	28.8	310	373	348
Utah . . . . .	4	4	5	12.3	11.1	12.8	97	116	138
Nevada . . . . .	9	10	10	46.6	40.5	40.3	697	641	554
Pacific . . . . .	315	365	372	41.0	42.8	41.5	561	594	562
Washington . . . . .	37	31	31	37.5	28.0	27.6	522	458	471
Oregon . . . . .	18	15	16	28.3	22.3	23.9	396	374	390
California . . . . .	250	304	312	43.7	47.9	45.9	598	640	594
Alaska . . . . .	2	4	2	17.9	27.7	18.2	196	283	213
Hawaii . . . . .	8	11	11	34.4	43.7	43.0	441	611	574

NA Not available.

Source: S.K. Henshaw and J. Van Vort, eds., *Abortion Services in the United States, Each State and Metropolitan Area, 1987-1988*, The Alan Guttmacher Institute, New York, NY, 1992 (copyright); and unpublished data.

**No. 103. Expectation of Life at Birth, 1970 to 1990, and Projections, 1995 to 2010**

[In years. Excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107-115]

YEAR	TOTAL			WHITE			BLACK AND OTHER			BLACK			
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3	
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3	
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6	
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0	
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4	
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9	
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5	
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2	
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7	
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6	
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7	
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5	
1986	74.8	71.3	78.3	75.4	72.0	78.8	71.2	67.2	75.1	69.4	65.2	73.5	
1987	75.0	71.5	78.4	75.6	72.2	78.9	71.3	67.3	75.2	69.4	65.2	73.6	
1988	74.9	71.5	78.3	75.6	72.3	78.9	71.2	67.1	75.1	69.2	64.9	73.4	
1989	75.3	71.8	78.6	76.0	72.7	79.2	71.2	67.1	75.2	69.2	64.8	73.5	
1990, prel.	75.4	72.0	78.8	76.0	72.6	79.3	72.4	68.4	76.3	70.3	66.0	74.5	
Projections: <sup>1</sup>	1995	76.3	72.8	79.7	76.8	73.4	80.2	(NA)	(NA)	(NA)	72.4	68.8	76.0
	2000	77.0	73.5	80.4	77.5	74.0	80.9	(NA)	(NA)	(NA)	73.5	69.9	77.1
	2005	77.6	74.2	81.0	78.1	74.6	81.5	(NA)	(NA)	(NA)	74.6	71.0	78.1
	2010	77.9	74.4	81.3	78.3	74.9	81.7	(NA)	(NA)	(NA)	75.0	71.4	78.5

NA Not available. <sup>1</sup> Based on middle mortality assumptions; for details, see source. Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1018.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 104. Selected Life Table Values: 1969 to 1989**

[Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 116-125]

AGE AND SEX	TOTAL <sup>1</sup>				WHITE				BLACK			
	1969-1971	1979-1981	1985	1989	1969-1971	1979-1981	1985	1989	1979-1981	1985	1989	
AVERAGE EXPECTATION OF LIFE IN YEARS												
At birth: Male	67.0	70.1	71.2	71.8	67.9	70.8	71.9	72.7	64.1	65.3	64.8	
Female	74.6	77.6	78.2	78.3	75.5	78.2	78.7	79.2	72.9	73.5	73.5	
Age 20: Male	49.5	51.9	52.7	53.3	50.2	52.5	53.3	54	46.4	47.4	47.1	
Female	56.6	59.0	59.3	59.7	57.2	59.4	59.8	60.2	54.9	55.3	55.3	
Age 40: Male	31.5	33.6	34.3	35.1	31.9	34.0	34.7	35.6	29.5	30.2	30.4	
Female	37.6	39.8	40.1	40.5	38.1	40.2	40.4	40.9	36.3	36.6	36.8	
Age 50: Male	23.1	25.0	25.6	26.4	23.3	25.3	25.8	26.7	22.0	22.5	23.0	
Female	28.8	30.7	30.9	31.3	29.1	31.0	31.1	31.5	27.8	27.9	28.2	
Age 65: Male	13.0	14.2	14.6	15.2	13.0	14.3	14.6	15.2	13.3	13.3	13.6	
Female	16.8	18.4	18.6	18.8	16.9	18.6	18.7	19.0	17.1	17.0	17.0	
ANNUAL DEATHS EXPECTED PER 1,000 ALIVE AT SPECIFIED AGE <sup>2</sup>												
At birth: Male	22.5	13.9	12.0	10.9	20.1	12.3	10.6	9.1	23.0	19.9	20.0	
Female	17.5	11.2	9.4	8.8	15.3	9.7	8.0	7.2	19.3	16.5	17.2	
Age 20: Male	2.1	1.8	1.5	1.6	1.9	1.8	1.5	1.4	2.2	1.9	2.6	
Female	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.7	0.6	0.7	
Age 40: Male	4.0	3.0	2.9	3.1	3.4	2.6	2.5	2.6	6.9	6.7	7.7	
Female	2.3	1.6	1.4	1.4	1.9	1.4	1.3	1.2	3.2	2.9	3.2	
Age 50: Male	9.7	7.8	6.8	6.3	8.9	7.1	6.2	5.6	14.9	13.1	13.3	
Female	5.2	4.2	3.8	3.5	4.7	3.8	3.5	3.2	7.7	6.7	6.3	
Age 65: Male	34.6	28.2	25.7	23.7	33.9	27.4	24.9	22.8	38.5	36.1	34.3	
Female	16.8	14.3	14.0	13.5	15.6	13.6	13.5	12.9	21.6	20.9	21.0	
NUMBER SURVIVING TO SPECIFIED AGE PER 1,000 BORN ALIVE												
Age 20: Male	961	973	977	978	965	975	979	981	961	967	964	
Female	973	982	985	985	976	984	986	987	972	976	975	
Age 40: Male	915	933	941	937	926	940	946	946	885	898	880	
Female	951	965	970	970	958	969	973	974	941	948	943	
Age 50: Male	861	890	902	899	877	901	912	911	801	819	799	
Female	919	941	948	949	929	947	953	956	896	908	903	
Age 65: Male	643	706	729	739	663	724	745	759	551	561	578	
Female	797	835	844	850	816	848	856	863	733	749	753	

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> See footnote 1, table 105.

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1969-71 and 1979-81; Vital Statistics of the United States*, annual; and unpublished data.

# Expectation of Life and Death

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## No. 105. Expectation of Life and Expected Deaths, by Race, Sex, and Age: 1989

AGE IN 1989 (years)	EXPECTATION OF LIFE IN YEARS					EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE <sup>1</sup>				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth.....	75.3	72.7	79.2	64.8	73.5	9.86	9.08	7.15	20.04	17.17
1.....	75.0	72.3	78.8	65.2	73.8	9.69	9.69	5.53	1.18	0.91
2.....	74.1	71.4	77.8	64.2	72.9	9.52	9.50	4.41	0.91	0.75
3.....	73.1	70.4	76.9	63.3	71.9	9.40	9.38	3.32	0.72	0.61
4.....	72.1	69.5	75.9	62.3	71.0	9.33	9.32	2.27	0.59	0.49
5.....	71.1	68.5	74.9	61.4	70.0	9.29	9.29	2.23	0.51	0.40
6.....	70.2	67.5	73.9	60.4	69.0	9.26	9.27	2.21	0.45	0.32
7.....	69.2	66.5	73.0	59.4	68.0	9.24	9.26	1.19	0.40	0.27
8.....	68.2	65.5	72.0	58.5	67.1	9.21	9.23	0.17	0.34	0.23
9.....	67.2	64.5	71.0	57.5	66.1	9.18	9.20	0.15	0.28	0.22
10.....	66.2	63.6	70.0	56.5	65.1	9.16	9.17	0.13	0.24	0.23
11.....	65.2	62.6	69.0	55.5	64.1	9.17	9.17	0.13	0.24	0.25
12.....	64.3	61.6	68.0	54.5	63.1	9.22	9.24	0.16	0.34	0.27
13.....	63.3	60.6	67.0	53.5	62.1	9.32	9.39	0.22	0.55	0.30
14.....	62.3	59.6	66.0	52.6	61.2	9.47	9.59	0.30	0.83	0.33
15.....	61.3	58.6	65.1	51.6	60.2	9.63	9.82	0.39	1.16	0.37
16.....	60.4	57.7	64.1	50.7	59.2	9.79	1.03	0.48	1.47	0.42
17.....	59.4	56.8	63.1	49.8	58.2	9.91	1.21	0.53	1.78	0.48
18.....	58.5	55.8	62.1	48.8	57.3	9.99	1.31	0.55	2.07	0.54
19.....	57.5	54.9	61.2	47.9	56.3	1.03	1.37	0.53	2.33	0.62
20.....	66.6	54.0	60.2	47.1	55.3	1.06	1.42	0.50	2.61	0.70
21.....	55.6	53.0	59.2	46.2	54.4	1.10	1.47	0.48	2.89	0.79
22.....	54.7	52.1	58.3	45.3	53.4	1.13	1.51	0.47	3.10	0.88
23.....	53.8	51.2	57.3	44.4	52.4	1.15	1.53	0.47	3.23	0.95
24.....	52.8	50.3	56.3	43.6	51.5	1.17	1.55	0.49	3.28	1.03
25.....	51.9	49.4	55.3	42.7	50.6	1.18	1.55	0.50	3.32	1.10
26.....	50.9	48.4	54.4	41.9	49.6	1.20	1.56	0.52	3.38	1.18
27.....	50.0	47.5	53.4	41.0	48.7	1.23	1.58	0.54	3.50	1.28
28.....	49.1	46.6	52.4	40.2	47.7	1.27	1.62	0.56	3.69	1.39
29.....	48.1	45.7	51.5	39.3	46.8	1.32	1.67	0.59	3.94	1.51
30.....	47.2	44.7	50.5	38.5	45.9	1.38	1.73	0.62	4.20	1.65
31.....	46.2	43.8	49.5	37.6	44.9	1.45	1.79	0.66	4.47	1.78
32.....	45.3	42.9	48.6	36.8	44.0	1.51	1.86	0.70	4.78	1.91
33.....	44.4	42.0	47.6	36.0	43.1	1.59	1.93	0.73	5.14	2.02
34.....	43.5	41.0	46.6	35.1	42.2	1.66	2.02	0.76	5.53	2.13
35.....	42.5	40.1	45.7	34.3	41.3	1.75	2.11	0.80	5.96	2.25
36.....	41.6	39.2	44.7	33.5	40.4	1.85	2.22	0.85	6.39	2.37
37.....	40.7	38.3	43.7	32.7	39.5	1.94	2.32	0.91	6.79	2.53
38.....	39.8	37.4	42.8	32.0	38.6	2.04	2.42	0.99	7.11	2.71
39.....	38.8	36.5	41.8	31.2	37.7	2.14	2.52	1.09	7.40	2.92
40.....	37.9	35.6	40.9	30.4	36.8	2.25	2.63	1.20	7.69	3.16
41.....	37.0	34.7	39.9	29.7	35.9	2.38	2.76	1.33	8.02	3.40
42.....	36.1	33.8	39.0	28.9	35.0	2.53	2.93	1.46	8.38	3.65
43.....	35.2	32.9	38.0	28.1	34.1	2.71	3.13	1.59	8.78	3.90
44.....	34.3	32.0	37.1	27.4	33.3	2.92	3.38	1.73	9.23	4.15
45.....	33.4	31.1	36.1	26.6	32.4	3.15	3.66	1.89	9.69	4.43
46.....	32.5	30.2	35.2	25.9	31.5	3.41	3.98	2.07	10.19	4.74
47.....	31.6	29.3	34.3	25.1	30.7	3.71	4.33	2.29	10.80	5.07
48.....	30.7	28.4	33.4	24.4	29.8	4.05	4.71	2.54	11.53	5.43
49.....	29.8	27.5	32.4	23.7	29.0	4.43	5.12	2.84	12.37	5.83
50.....	28.9	26.7	31.5	23.0	28.2	4.85	5.58	3.16	13.30	6.27
51.....	28.1	25.8	30.6	22.3	27.3	5.31	6.10	3.51	14.25	6.75
52.....	27.2	25.0	29.7	21.6	26.5	5.84	6.73	3.90	15.21	7.30
53.....	26.4	24.2	28.8	20.9	25.7	6.43	7.49	4.31	16.14	7.91
54.....	25.6	23.3	28.0	20.3	24.9	7.08	8.35	4.76	17.07	8.59
55.....	24.7	22.5	27.1	19.6	24.1	7.79	9.29	5.24	18.04	9.31
56.....	23.9	21.7	26.2	18.9	23.4	8.55	10.29	5.77	19.09	10.09
57.....	23.1	21.0	25.4	18.3	22.6	9.37	11.37	6.34	20.27	11.01
58.....	22.3	20.2	24.6	17.7	21.8	10.27	12.55	6.97	21.61	12.12
59.....	21.6	19.4	23.7	17.1	21.1	11.23	13.81	7.64	23.10	13.38
60.....	20.8	18.7	22.9	16.4	20.4	12.27	15.18	8.39	24.88	14.76
61.....	20.1	18.0	22.1	15.9	19.7	13.37	16.63	9.18	26.36	16.17
62.....	19.3	17.3	21.3	15.3	19.0	14.52	18.12	10.02	28.15	17.51
63.....	18.6	16.6	20.5	14.7	18.3	15.89	19.62	10.91	30.07	18.72
64.....	17.9	15.9	18.7	14.1	17.7	16.91	21.18	11.84	32.12	19.85
65.....	17.2	15.2	19.0	13.6	17.0	18.20	22.80	12.85	34.31	21.00
70.....	13.9	12.1	15.3	11.0	13.9	27.31	34.77	20.03	47.63	29.38
75.....	10.9	9.4	11.9	8.8	11.0	41.31	53.66	31.61	65.79	42.53
80.....	8.3	7.1	8.9	6.9	8.5	63.71	82.84	51.62	94.32	65.05
85 and over .....	6.2	5.3	6.5	5.6	6.7	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

<sup>1</sup> Based on the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before reaching the end of that interval. For example, out of every 1,000 people alive and exactly 50 years old at the beginning of the period, between 4 and 5 (4.85) will die before reaching their 51st birthdays.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 106. Deaths and Death Rates, by Sex and Race: 1970 to 1990

[Rates are per 1,000 population for specified groups. Except as noted, excludes deaths of nonresidents of the United States. Excludes fetal deaths. For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population of the United States enumerated in 1940. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 167-173 and B 181-192.]

SEX AND RACE	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990, <sup>1</sup> prel.
<b>Deaths<sup>2</sup> (1,000)</b>	<b>1,921</b>	<b>1,990</b>	<b>1,978</b>	<b>1,975</b>	<b>2,019</b>	<b>2,039</b>	<b>2,086</b>	<b>2,105</b>	<b>2,123</b>	<b>2,168</b>	<b>2,150</b>	<b>2,162</b>
Male <sup>2</sup> (1,000)	1,078	1,075	1,064	1,056	1,072	1,077	1,098	1,104	1,108	1,126	1,114	1,122
Female <sup>2</sup> (1,000)	843	915	914	918	947	963	989	1,001	1,015	1,042	1,036	1,040
White (1,000)	1,682	1,739	1,731	1,729	1,766	1,782	1,819	1,831	1,843	1,877	1,854	1,878
Male (1,000)	942	934	925	919	932	935	950	953	953	965	951	966
Female (1,000)	740	805	806	810	834	847	869	879	890	911	903	912
Black (1,000)	226	233	229	227	233	236	244	250	255	264	268	255
Male (1,000)	128	130	127	126	128	129	134	137	140	144	146	139
Female (1,000)	98	103	101	101	105	107	111	113	115	120	121	116
<b>Death rates<sup>2</sup></b>	<b>9.5</b>	<b>8.8</b>	<b>8.6</b>	<b>8.5</b>	<b>8.6</b>	<b>8.6</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.8</b>	<b>8.7</b>	<b>8.6</b>
Male <sup>2</sup>	10.9	9.8	9.5	9.4	9.4	9.4	9.5	9.4	9.3	9.4	9.2	9.2
Female <sup>2</sup>	8.1	7.9	7.8	7.7	7.9	7.9	8.1	8.1	8.1	8.3	8.1	8.1
White	9.5	8.9	8.8	8.7	8.8	8.9	9.0	9.0	9.0	9.1	8.9	8.9
Male	10.9	9.8	9.7	9.5	9.6	9.5	9.6	9.5	9.5	9.5	9.3	9.4
Female	8.1	8.1	8.0	8.0	8.2	8.2	8.4	8.4	8.5	8.6	8.5	8.5
Black	10.0	8.8	8.4	8.2	8.3	8.3	8.5	8.5	8.6	8.7	8.7	8.2
Male	11.9	10.3	9.9	9.6	9.6	9.6	9.8	9.9	9.9	10.1	10.1	9.4
Female	8.3	7.3	7.1	6.9	7.1	7.1	7.3	7.3	7.4	7.5	7.5	7.1
<b>Age-adjusted death rates<sup>2</sup></b>	<b>7.1</b>	<b>5.9</b>	<b>5.7</b>	<b>5.5</b>	<b>5.5</b>	<b>5.5</b>	<b>5.6</b>	<b>5.6</b>	<b>5.4</b>	<b>5.4</b>	<b>5.2</b>	<b>5.2</b>
Male <sup>2</sup>	9.3	7.8	7.5	7.3	7.3	7.2	7.2	7.1	7.0	7.0	6.8	6.7
Female <sup>2</sup>	5.3	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0	4.0	3.9
White	6.8	5.6	5.4	5.3	5.3	5.2	5.2	5.2	5.1	5.1	5.0	4.9
Male	8.9	7.5	7.2	7.1	7.0	6.9	6.9	6.8	6.7	6.6	6.4	6.4
Female	5.0	4.1	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.8	3.7	3.7
Black	10.4	8.4	8.0	7.8	7.8	7.7	7.8	7.8	7.8	7.9	7.6	7.3
Male	13.2	11.1	10.7	10.4	10.2	10.1	10.2	10.3	10.2	10.4	10.3	9.6
Female	8.1	6.3	6.0	5.8	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.5

<sup>1</sup> Includes deaths of nonresidents of the United States. Based on a 10-percent sample of deaths. <sup>2</sup> Includes other races, not shown separately.

## No. 107. Death Rates, by Age, Sex, and Race: 1970 to 1990

[Number of deaths per 100,000 population in specified group. See headnote, table 106]

SEX, YEAR, AND RACE	All ages <sup>1</sup>	Under 1 yr. old	1-4 yr. old	5-14 yr. old	15-24 yr. old	25-34 yr. old	35-44 yr. old	45-54 yr. old	55-64 yr. old	65-74 yr. old	75-84 yr. old	85 yr. old and over
<b>MALE<sup>2</sup></b>												
1970	1,090	2,410	83	51	189	215	403	959	2,283	4,874	10,010	17,822
1980	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
1985	945	1,197	58	32	141	178	278	669	1,693	3,788	8,504	18,325
1986	941	1,153	58	32	151	193	288	653	1,648	3,701	8,353	18,187
1987	935	1,129	58	32	146	193	292	644	1,624	3,618	8,232	18,031
1988	940	1,114	57	31	151	197	301	629	1,607	3,574	8,223	18,371
1989	921	1,107	54	30	147	201	307	618	1,565	3,439	7,329	17,616
1990, prel. <sup>3</sup>	917	1,038	49	29	156	206	306	601	1,508	3,359	7,950	17,522
White: 1970	1,087	2,113	84	48	171	177	344	883	2,203	4,810	10,089	18,552
1980	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
1985	960	1,039	52	30	136	157	241	609	1,614	3,717	8,500	18,789
1990, prel. <sup>3</sup>	937	909	44	28	141	179	266	547	1,455	3,316	7,976	17,973
Black: 1970	1,187	4,299	151	67	321	560	957	1,778	3,257	5,803	9,455	12,222
1980	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
1985	977	2,135	89	41	174	347	642	1,283	2,623	4,889	9,298	15,046
1990, prel. <sup>3</sup>	942	1,796	72	38	259	415	688	1,181	2,180	4,173	8,731	14,743
<b>FEMALE<sup>2</sup></b>												
1970	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1980	785	1,142	55	24	58	76	159	413	934	2,145	5,440	14,747
1985	807	932	45	21	50	69	138	373	919	2,095	5,220	14,343
1986	809	906	46	20	52	72	140	365	906	2,091	5,152	14,298
1987	813	902	45	19	52	74	139	360	900	2,083	5,118	14,261
1988	827	898	45	20	52	74	140	351	905	2,056	5,173	14,508
1989	814	898	44	20	52	75	139	340	882	2,011	5,050	14,034
1990, prel. <sup>3</sup>	809	831	39	19	51	73	138	333	878	2,002	4,942	13,728
White: 1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1980	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
1985	837	787	40	19	48	59	121	340	864	2,028	5,171	14,579
1990, prel. <sup>3</sup>	848	715	36	18	48	61	119	308	825	1,957	4,921	13,994
Black: 1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1980	733	2,124	84	31	71	150	324	768	1,561	3,057	6,212	12,367
1985	728	1,757	71	28	60	136	278	654	1,502	2,926	6,252	12,155
1990, prel. <sup>3</sup>	711	1,505	62	23	67	152	290	551	1,424	2,674	5,764	11,831

<sup>1</sup> Includes unknown age. <sup>2</sup> Includes other races not shown separately. <sup>3</sup> Includes deaths of nonresidents. Based on a 10-percent sample of deaths.

Sources of tables 106 and 107: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

# Death Rates by State

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## No. 108. Deaths and Death Rates, by State: 1970 to 1990

[Excludes deaths of nonresidents of the United States, except as noted. See Appendix III]

REGION, DIVISION, AND STATE	NUMBER OF DEATHS (1,000)										RATE PER 1,000 POPULATION									
	By State of residence						By State of occurrence <sup>1</sup>				By State of residence						By State of occurrence <sup>1</sup>			
	1970	1980	1985	1987	1988	1989	1989, prel.	1990, prel.	1970	1980	1985	1987	1988	1989	1989, prel.	1990, prel.	1970	1980	1985	1987
<b>United States . . .</b>	<b>1,921</b>	<b>1,990</b>	<b>2,086</b>	<b>2,123</b>	<b>2,168</b>	<b>2,150</b>	<b>2,155</b>	<b>2,162</b>	<b>9.5</b>	<b>8.8</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.7</b>	<b>8.7</b>	<b>8.7</b>	<b>8.6</b>	<b>8.8</b>	<b>8.9</b>	<b>8.9</b>
<b>New England . . .</b>	<b>116</b>	<b>115</b>	<b>118</b>	<b>118</b>	<b>120</b>	<b>116</b>	<b>117</b>	<b>116</b>	<b>9.8</b>	<b>9.3</b>	<b>9.3</b>	<b>9.2</b>	<b>9.2</b>	<b>8.9</b>	<b>9.0</b>	<b>8.9</b>	<b>8.9</b>	<b>9.0</b>	<b>9.0</b>	<b>9.0</b>
Maine . . .	11	11	11	11	12	11	11	11	11.1	9.6	9.8	9.5	9.6	9.2	9.0	9.0	9.0	9.0	9.0	9.0
New Hampshire . . .	7	8	8	9	8	8	8	8	10.0	8.3	8.5	8.0	8.1	7.7	7.6	7.3				
Vermont . . .	4	5	5	5	5	5	5	5	10.0	9.0	8.7	8.7	8.4	8.1	7.9	8.2				
Massachusetts . . .	57	55	56	56	56	54	55	56	10.1	9.6	9.6	9.5	9.6	9.1	9.4	9.4				
Rhode Island . . .	9	9	10	10	10	10	10	10	10.0	9.8	10.0	9.8	9.8	9.6	9.8	9.5				
Connecticut . . .	26	27	28	28	29	28	28	27	8.6	8.8	8.9	8.8	8.8	8.7	8.7	8.3				
<b>Middle Atlantic . . .</b>	<b>383</b>	<b>365</b>	<b>367</b>	<b>371</b>	<b>376</b>	<b>367</b>	<b>363</b>	<b>359</b>	<b>10.3</b>	<b>9.8</b>	<b>9.9</b>	<b>9.9</b>	<b>10.0</b>	<b>9.7</b>	<b>9.6</b>	<b>9.5</b>				
New York . . .	188	173	172	174	176	172	170	167	10.3	9.8	9.7	9.7	9.8	9.6	9.5	9.5				
New Jersey . . .	68	69	71	72	73	71	69	69	9.5	9.4	9.4	9.4	9.5	9.2	9.0	8.9				
Pennsylvania . . .	127	124	124	125	126	124	124	123	10.8	10.4	10.4	10.5	10.5	10.3	10.3	10.2				
<b>East North Central . . .</b>	<b>377</b>	<b>365</b>	<b>370</b>	<b>372</b>	<b>379</b>	<b>372</b>	<b>370</b>	<b>370</b>	<b>9.4</b>	<b>8.8</b>	<b>8.9</b>	<b>8.9</b>	<b>9.0</b>	<b>8.8</b>	<b>8.7</b>	<b>8.7</b>				
Ohio . . .	100	98	99	99	100	98	98	99	9.4	9.1	9.2	9.2	9.2	9.0	9.0	9.0				
Indiana . . .	49	47	48	49	50	49	49	50	9.3	8.6	8.8	8.8	9.0	8.8	8.8	8.9				
Illinois . . .	111	103	102	102	105	103	102	101	10.0	9.0	8.9	8.8	9.1	8.9	8.7	8.6				
Michigan . . .	76	75	79	80	80	79	78	78	8.6	8.1	8.7	8.7	8.5	8.4	8.4	8.4				
Wisconsin . . .	41	41	41	42	43	42	43	43	9.2	8.7	8.7	8.8	8.7	8.7	8.6	8.7				
<b>West North Central . . .</b>	<b>164</b>	<b>159</b>	<b>162</b>	<b>162</b>	<b>164</b>	<b>161</b>	<b>164</b>	<b>165</b>	<b>10.1</b>	<b>9.2</b>	<b>9.2</b>	<b>9.2</b>	<b>9.3</b>	<b>9.0</b>	<b>9.2</b>	<b>9.2</b>				
Minnesota . . .	34	33	35	35	35	34	34	35	8.9	8.2	8.3	8.1	8.2	7.9	7.9	8.0				
Iowa . . .	29	27	28	27	28	27	25	28	10.4	9.3	9.7	9.6	9.8	9.6	9.8	9.8				
Missouri . . .	52	50	50	51	51	50	56	53	11.1	10.1	10.0	9.9	9.9	9.8	9.8	10.2				
North Dakota . . .	6	6	6	5	6	6	6	6	9.1	8.6	8.2	8.2	8.5	8.3	8.9	9.2				
South Dakota . . .	7	7	7	7	7	7	7	6	9.9	9.5	9.3	9.4	9.2	9.2	9.1	8.9				
Nebraska . . .	15	14	15	15	15	15	15	15	10.1	9.2	9.3	9.3	9.3	9.2	9.5	9.2				
Kansas . . .	22	22	22	22	23	22	22	22	9.7	9.3	9.0	9.2	9.2	8.9	8.8	8.6				
<b>South Atlantic . . .</b>	<b>290</b>	<b>330</b>	<b>364</b>	<b>379</b>	<b>389</b>	<b>391</b>	<b>394</b>	<b>397</b>	<b>9.5</b>	<b>8.9</b>	<b>9.0</b>	<b>9.1</b>	<b>9.2</b>	<b>9.1</b>	<b>9.1</b>	<b>9.1</b>				
Delaware . . .	5	5	5	6	6	6	6	6	9.0	8.5	8.8	8.7	8.7	8.7	8.9	8.6				
Maryland . . .	33	34	37	38	39	38	38	38	8.4	8.1	8.3	8.4	8.4	8.2	8.1	8.1				
Dist. of Col. . .	9	7	7	8	8	8	10	10	11.7	11.1	11.2	11.9	12.4	12.7	16.5	16.0				
Virginia . . .	39	43	45	47	48	47	46	46	18.4	8.0	7.9	7.9	7.7	7.6	7.7	7.7				
West Virginia . . .	20	19	19	20	20	20	19	20	21.0	11.5	9.9	10.0	10.4	10.6	10.5	10.6				
North Carolina . . .	45	48	53	55	56	57	58	58	8.8	8.2	8.5	8.6	8.9	8.7	8.8	8.7				
South Carolina . . .	23	25	27	28	29	30	29	29	8.8	8.1	8.1	8.3	8.5	8.4	8.2	8.1				
Georgia . . .	42	44	49	50	52	52	54	53	9.1	8.1	8.1	8.1	8.1	8.1	8.1	8.2				
Florida . . .	75	105	121	127	131	133	134	135	11.0	10.7	10.7	10.6	10.5	10.6	10.6	10.4				
<b>East South Central . . .</b>	<b>128</b>	<b>134</b>	<b>140</b>	<b>142</b>	<b>145</b>	<b>145</b>	<b>143</b>	<b>149</b>	<b>10.0</b>	<b>9.1</b>	<b>9.3</b>	<b>9.3</b>	<b>9.5</b>	<b>9.4</b>	<b>9.3</b>	<b>9.6</b>				
Kentucky . . .	33	34	35	36	36	35	34	35	10.3	9.2	9.4	9.3	9.6	9.5	9.1	9.4				
Tennessee . . .	38	41	43	45	46	45	47	46	9.8	8.9	9.1	9.3	9.4	9.2	9.6	9.7				
Alabama . . .	34	36	38	39	39	39	37	41	9.8	9.1	9.3	9.2	9.5	9.5	9.1	10.0				
Mississippi . . .	23	24	25	25	25	25	24	24	10.5	9.4	9.4	9.4	9.5	9.7	9.3	9.3				
<b>West South Central . . .</b>	<b>175</b>	<b>195</b>	<b>209</b>	<b>210</b>	<b>215</b>	<b>217</b>	<b>215</b>	<b>220</b>	<b>9.1</b>	<b>8.2</b>	<b>7.9</b>	<b>7.8</b>	<b>8.0</b>	<b>8.0</b>	<b>8.0</b>	<b>8.1</b>				
Arkansas . . .	21	23	24	24	25	25	25	25	10.7	9.9	10.2	10.2	10.4	10.2	10.2	10.2				
Louisiana . . .	33	36	37	36	38	38	36	37	9.2	8.5	8.3	8.2	8.5	8.6	8.3	8.5				
Oklahoma . . .	27	28	30	30	30	30	29	29	10.5	9.3	9.0	9.0	9.3	9.2	8.9	9.1				
Texas . . .	94	108	118	120	123	125	126	128	8.4	7.6	7.2	7.1	7.3	7.4	7.4	7.5				
<b>Mountain . . .</b>	<b>66</b>	<b>80</b>	<b>88</b>	<b>92</b>	<b>95</b>	<b>95</b>	<b>97</b>	<b>99</b>	<b>8.0</b>	<b>7.0</b>	<b>6.9</b>	<b>7.0</b>	<b>7.1</b>	<b>7.2</b>	<b>7.2</b>	<b>7.2</b>				
Montana . . .	7	7	7	7	7	7	7	7	9.5	8.5	8.2	8.2	8.4	8.4	8.3	8.5				
Idaho . . .	6	7	7	7	8	7	7	7	8.6	7.2	7.1	7.4	7.7	7.4	7.1	7.1				
Wyoming . . .	3	3	3	3	3	3	3	3	8.8	6.9	6.4	6.2	6.8	6.9	6.5	6.5				
Colorado . . .	17	19	20	21	21	21	22	22	7.9	6.6	6.3	6.4	6.5	6.4	6.6	6.6				
New Mexico . . .	7	9	10	10	10	11	11	11	7.3	7.0	6.7	6.9	6.9	6.9	6.9	7.1				
Arizona . . .	15	21	25	27	28	28	29	29	8.4	7.9	7.7	8.0	7.9	7.9	8.1	8.1				
Utah . . .	7	8	9	9	9	9	9	10	6.7	5.6	5.5	5.5	5.4	5.5	5.6	5.6				
Nevada . . .	4	6	7	8	8	8	9	10	7.9	7.4	7.7	7.8	8.0	7.8	7.8	8.3				
<b>Pacific . . .</b>	<b>221</b>	<b>247</b>	<b>268</b>	<b>277</b>	<b>285</b>	<b>286</b>	<b>290</b>	<b>287</b>	<b>8.3</b>	<b>7.8</b>	<b>7.7</b>	<b>7.6</b>	<b>7.6</b>	<b>7.5</b>	<b>7.6</b>	<b>7.3</b>				
Washington . . .	30	32	35	36	36	36	37	37	8.8	7.7	7.8	7.7	7.8	7.6	7.6	7.5				
Oregon . . .	20	22	24	24	25	25	27	26	9.3	8.3	8.9	8.9	9.0	8.8	9.7	9.0				
California . . .	166	187	202	209	215	217	217	215	8.3	7.9	7.7	7.6	7.6	7.5	7.5	7.2				
Alaska . . .	1	2	2	2	2	2	2	2	4.8	4.3	4.0	3.9	3.9	4.0	3.9	4.2				
Hawaii . . .	4	5	6	6	6	7	7	7	5.2	5.2	5.5	5.7	5.5	5.8	6.0	6.3				

<sup>1</sup> Includes deaths of nonresidents.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 109. Infant, Maternal, and Neonatal Mortality Rates; and Fetal Mortality Ratios, by Race: 1970 to 1989**

[Deaths per 1,000 live births, except as noted. Excludes deaths of nonresidents of U.S. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 136-147]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Infant deaths <sup>1</sup>	20.0	16.1	13.1	12.6	11.9	11.5	11.2	10.8	10.6	10.4	10.1	10.0	9.8
White	17.8	14.2	11.4	11.0	10.5	10.1	9.7	9.4	9.3	8.9	8.6	8.5	8.2
Black and other	30.9	24.2	19.8	19.1	17.8	17.3	16.8	16.1	15.8	15.7	15.4	15.0	15.2
Black	32.6	26.2	21.8	21.4	20.0	19.6	19.2	18.4	18.2	18.0	17.9	17.6	17.7
Maternal deaths <sup>2</sup>	21.5	12.8	9.6	9.2	8.5	7.9	8.0	7.8	7.8	7.2	6.6	8.4	7.9
White	14.4	9.1	6.4	6.7	6.3	5.8	5.9	5.4	5.2	4.9	5.1	5.9	5.6
Black and other	55.9	28.0	22.7	19.8	17.3	16.4	16.3	16.9	16.1	16.0	12.0	17.4	16.5
Black	59.8	31.3	25.1	21.5	20.4	18.2	18.3	18.7	20.4	18.8	14.2	19.5	18.4
Fetal deaths <sup>3</sup>	14.2	10.7	9.4	9.2	9.0	8.9	8.5	8.2	7.9	7.7	7.7	7.5	7.5
White	12.4	9.5	8.4	8.2	8.0	7.9	7.5	7.4	7.0	6.8	6.7	6.4	6.4
Black and other	22.6	16.0	13.8	13.4	12.8	12.7	12.4	11.5	11.3	11.2	11.5	11.4	11.4
Neonatal deaths <sup>4</sup>	15.1	11.6	8.9	8.5	8.0	7.7	7.3	7.0	7.0	6.7	6.5	6.3	6.2
White	13.8	10.4	7.9	7.5	7.1	6.8	6.4	6.2	6.1	5.8	5.5	5.4	5.2
Black and other	21.4	16.8	12.9	12.5	11.8	11.3	10.8	10.2	10.3	10.1	10.0	9.7	9.6
Black	22.8	18.3	14.3	14.1	13.4	13.1	12.4	11.8	12.1	11.7	11.7	11.5	11.3

<sup>1</sup> Represents deaths of infants under 1 year old, exclusive of fetal deaths. <sup>2</sup> Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979, deaths are classified according to the ninth revision of the *International Classification of Diseases*; for the earlier years classified according to the revision in use at the time; see text, section 2. <sup>3</sup> Includes only those deaths with stated or presumed period of gestation of 20 weeks or more. <sup>4</sup> Represents deaths of infants under 28 days old, exclusive of fetal deaths.

**No. 110. Fetal and Infant Deaths—Number and Percent Distribution: 1970 to 1989**

[State requirements for reporting of fetal deaths vary. Most States require reporting of fetal deaths of gestations of 20 weeks or more. There is substantial evidence that not all fetal deaths for which reporting is required are reported. For details of methodology, see Appendix III and source]

YEAR	NUMBER					PERCENT DISTRIBUTION						
	Total	Fetal deaths		Infant deaths		Total	Fetal deaths		Infant deaths			
		Early <sup>1</sup>	Late <sup>2</sup>	Neonatal			Early <sup>1</sup>	Late <sup>2</sup>	Neonatal			
				Early <sup>3</sup>	Late <sup>4</sup>				Early <sup>3</sup>	Late <sup>4</sup>		
1970	127,628	17,170	35,791	50,821	5,458	18,388	100.0	13.5	28.0	39.8	4.3	14.4
1980	78,879	10,754	22,599	25,492	5,126	14,908	100.0	13.6	28.7	32.3	6.5	18.9
1981	75,901	11,126	21,470	24,384	4,737	14,184	100.0	14.7	28.3	32.1	6.2	18.7
1982	75,095	11,028	21,666	23,706	4,629	14,066	100.0	14.7	26.9	31.6	6.2	18.7
1983	71,379	10,933	19,819	22,315	4,192	14,120	100.0	15.3	27.8	31.3	5.9	19.8
1984	69,679	10,963	19,136	21,566	4,125	13,889	100.0	15.7	27.5	31.0	5.9	19.9
1985	69,691	10,958	18,703	21,865	4,314	13,851	100.0	15.7	26.8	31.4	6.2	19.9
1986	67,863	11,100	17,872	21,053	4,159	13,679	100.0	16.4	26.3	31.0	6.1	20.2
1987	67,757	11,656	17,693	20,471	4,156	13,781	100.0	17.2	26.1	30.2	6.1	20.3
1988	68,352	11,833	17,809	20,471	4,219	14,220	100.0	17.3	25.8	29.9	6.2	20.8
1989	70,124	12,397	18,072	20,796	4,372	14,487	100.0	17.7	25.8	29.7	6.2	20.7

<sup>1</sup> 20-27 weeks gestation. <sup>2</sup> 28 weeks or more gestation. <sup>3</sup> Less than 7 days. <sup>4</sup> 7-27 days. <sup>5</sup> 28 days-11 months.

**No. 111. Infant Deaths and Infant Mortality Rates, by Cause of Death: 1980 to 1989**

[Excludes deaths of nonresidents of U.S. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

CAUSE OF DEATH	NUMBER			PERCENT DISTRIBUTION			INFANT MORTALITY RATE <sup>1</sup>		
	1980	1985	1989	1980	1985	1989	1980	1985	1989
				Total					
Congenital anomalies	9,220	8,561	8,120	20.3	21.4	20.5	255.2	227.7	200.9
Sudden infant death syndrome	5,510	5,315	5,634	12.1	13.3	14.2	152.5	141.3	139.4
Respiratory distress syndrome	4,989	3,691	3,631	11.0	9.2	9.9	138.1	98.2	89.9
Disorders relating to short gestation and unspecified low birthweight	3,648	3,257	3,931	8.0	8.1	9.2	101.0	86.6	97.3
Newborn affected by maternal complications of pregnancy	1,572	1,335	1,594	3.5	3.3	3.9	43.5	35.5	38.0
Intrauterine hypoxia and birth asphyxia	1,497	1,158	725	3.3	2.9	2.5	41.4	30.8	17.9
Infections specific to the perinatal period	971	955	892	2.1	2.4	2.5	26.9	25.4	22.1
Accidents and adverse effects	1,166	890	996	2.6	2.2	2.2	32.3	23.7	24.6
Newborn affected by complications of placenta, cord, and membranes	985	891	984	2.2	2.2	1.8	27.3	23.7	24.4
Pneumonia and influenza	1,012	705	636	2.2	1.8	1.6	28.0	18.7	15.7
All other causes	14,956	13,272	12,572	32.9	33.2	31.7	414.1	352.9	311.1

<sup>1</sup> Deaths of infants under 1 year old per 100,000 live births.

Source of tables 109-111: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

## No. 112. Infant Mortality Rates, by Race—States: 1980 to 1988

[Deaths per 1,000 live births, by place of residence. Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of nonresidents of the United States. See appendix III and *Historical Statistics, Colonial Times to 1970*, series B 143-147, for U.S. total by race]

DIVISION AND STATE	TOTAL <sup>1</sup>			WHITE		BLACK		DIVISION AND STATE	TOTAL <sup>1</sup>			WHITE		BLACK	
	1980	1985	1988	1980	1988	1980	1988		1980	1985	1988	1980	1988	1980	1988
U.S. . . .	12.6	10.6	10.0	11.0	8.5	21.4	17.6	VA . . . .	13.6	11.5	10.4	11.9	8.1	19.8	17.9
N.E. . . .	10.5	9.2	8.1	10.1	7.6	17.7	15.2	WV . . . .	11.8	10.7	9.0	11.4	8.5	21.5	21.6
ME . . . .	9.2	9.1	7.9	9.4	8.0	-	-	NC . . . .	14.5	11.8	12.5	12.1	9.6	20.0	19.5
NH . . . .	9.9	9.3	8.3	9.9	8.4	22.5	21.4	SC . . . .	15.6	14.2	12.3	10.8	9.6	22.9	16.6
VT . . . .	10.7	8.5	6.8	10.7	6.7	-	-	GA . . . .	14.5	12.7	12.6	10.8	9.2	21.0	18.9
MA . . . .	10.5	9.1	7.9	10.1	7.3	16.8	15.4	FL . . . .	14.6	11.3	10.6	11.8	8.5	22.8	17.4
RI . . . .	11.0	8.2	8.2	10.9	7.5	21.7	23.8	E.S.C. . . .	14.5	12.1	11.4	11.8	9.1	21.8	17.2
CT . . . .	11.2	10.0	8.9	10.2	8.0	19.1	15.5	KY . . . .	12.9	11.2	10.7	12.0	10.0	22.0	17.4
M.A. . . .	12.3	10.8	10.3	11.1	8.4	21.1	18.6	TN . . . .	13.5	11.4	10.8	11.9	8.2	19.3	18.6
NY . . . .	12.5	10.8	10.8	10.8	8.9	20.0	18.1	AL . . . .	15.1	12.6	12.1	11.6	9.3	21.6	17.2
N.J. . . .	12.5	10.6	9.9	10.3	7.9	21.9	18.5	MS . . . .	17.0	13.7	12.3	11.1	8.7	23.7	16.1
PA . . . .	13.2	11.0	9.9	11.9	8.1	23.1	19.8	W.S.C. . . .	12.7	10.4	9.4	11.1	8.5	19.8	14.4
E.N.C. . . .	13.0	10.8	10.5	10.9	8.7	24.4	19.6	AR . . . .	12.7	11.6	10.7	10.3	8.7	20.0	17.4
OH . . . .	12.8	10.3	9.7	11.2	8.6	23.0	15.9	LA . . . .	14.3	11.9	11.0	10.5	9.0	20.6	14.3
IN . . . .	11.9	10.9	11.0	10.5	9.9	23.4	19.9	OK . . . .	12.7	10.9	9.0	12.1	9.3	21.8	12.6
IL . . . .	14.8	11.1	11.3	11.7	8.7	26.3	20.7	TX . . . .	12.2	9.8	9.0	11.2	8.3	18.8	14.2
MI . . . .	12.8	11.4	11.1	10.6	8.6	24.2	21.9	MT . . . .	11.0	9.8	9.2	10.7	9.0	19.5	15.5
WI . . . .	10.3	9.1	8.4	9.7	7.5	18.5	16.4	MT . . . .	12.4	10.3	8.7	11.8	8.8	-	12.8
W.N.C. . . .	11.3	9.5	8.9	10.5	8.1	21.3	17.1	ID . . . .	10.7	10.4	8.8	10.7	8.5	-	25.0
MN . . . .	10.0	8.8	7.8	9.6	7.2	20.0	19.5	WY . . . .	9.8	12.2	8.9	9.3	8.8	25.9	16.8
IA . . . .	11.8	9.5	8.7	11.5	8.3	27.2	19.9	CO . . . .	10.1	9.4	9.6	9.8	9.6	19.1	12.0
MO . . . .	12.4	10.2	10.1	11.1	9.0	20.7	16.2	NM . . . .	11.5	10.6	10.0	11.3	9.7	23.1	14.2
ND . . . .	12.1	8.5	10.5	11.7	10.0	27.5	-	AZ . . . .	12.4	9.7	9.7	11.8	9.4	18.4	17.9
SD . . . .	10.9	9.9	10.1	9.0	9.7	-	-	UT . . . .	10.4	9.6	8.0	10.5	7.5	27.3	6.2
NE . . . .	11.5	9.6	9.0	10.7	8.1	25.2	22.4	NV . . . .	10.7	8.5	8.4	10.0	7.5	20.6	18.7
KS . . . .	10.4	9.3	8.0	9.5	7.0	20.6	16.5	Pac. . . .	11.2	9.7	8.6	10.9	8.3	17.8	15.9
S.A. . . .	14.5	12.1	11.6	11.6	8.8	21.6	18.5	WA . . . .	11.8	10.7	9.0	11.5	8.7	16.4	16.1
DE . . . .	13.9	14.8	11.8	9.8	9.1	27.9	21.1	OR . . . .	12.2	9.9	8.6	12.2	8.5	25.9	14.7
MD . . . .	14.0	11.9	11.3	11.6	8.5	20.4	17.8	CA . . . .	11.1	9.5	8.6	10.6	8.2	18.0	15.9
DC . . . .	25.0	20.8	23.2	17.8	19.9	26.7	26.0	AK . . . .	12.3	10.8	11.6	9.4	9.8	24.5	20.2
								HI . . . .	10.3	8.8	7.2	11.8	7.2	21.8	9.0

\* Represents zero. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Based on a frequency of less than 20 infant deaths.

## No. 113. Age-Adjusted Death Rates, by Selected Causes: 1970 to 1989

[Rates per 100,000 population. For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population of the United States enumerated in 1940. See also headnote, table 114]

CAUSE OF DEATH	1970	1980	1989	CAUSE OF DEATH	1970	1980	1989
All causes . . . .	714.3	585.8	523.0	Pneumonia and influenza . . . .	22.1	12.9	13.7
Major cardiovascular diseases . . . .	340.1	256.0	194.2	Pneumonia . . . .	20.8	12.4	13.4
Diseases of heart . . . .	253.6	202.0	155.9	Influenza . . . .	1.3	0.5	0.3
Rheumatic fever and rheumatic heart disease . . . .	6.3	2.6	1.5	Diabetes mellitus . . . .	14.1	10.1	11.5
Hypertensive heart disease <sup>1</sup> . . . .	4.9	6.8	5.3	Suicide . . . .	11.8	11.4	11.3
Ischemic heart disease . . . .	228.1	149.8	105.1	Chronic liver disease and cirrhosis . . . .	14.7	12.2	8.9
Other diseases of endocardium . . . .	2.3	2.0	2.4	Nephritis, nephrotic syndrome, and nephrosis . . . .	3.5	4.5	4.4
All other forms of heart disease . . . .	12.0	40.8	41.5	Septicemia . . . .	9.1	10.8	9.4
Hypertension . . . .	2.9	2.0	1.8	Other infective and parasitic diseases . . . .	1.4	2.6	4.1
Cerebrovascular diseases . . . .	66.3	40.8	28.0	Benign neoplasms <sup>2</sup> . . . .	2.8	1.8	10.8
Atherosclerosis . . . .	8.4	5.7	2.9	Ulcer of stomach and duodenum . . . .	2.0	2.0	1.7
Other . . . .	8.8	5.5	5.4	Hernia of abdominal cavity and intestinal obstruction <sup>3</sup> . . . .	3.2	1.7	1.3
Malignancies <sup>2</sup> . . . .	129.9	132.8	133.0	Anemias . . . .	2.6	1.4	1.1
Of respiratory and intrathoracic organs . . . .	28.4	36.4	40.3	Cholelithiasis and other disorders of gallbladder . . . .	1.3	0.9	0.9
Of digestive organs and peritoneum . . . .	35.2	33.0	30.0	Nutritional deficiencies . . . .	0.8	0.5	0.5
Of genital organs . . . .	15.6	13.6	13.1	Infections of kidney . . . .	0.8	0.7	0.3
Of breast . . . .	12.6	12.5	12.5	Tuberculosis . . . .	2.2	0.6	0.6
Of urinary organs . . . .	5.7	5.2	5.0	Meningitis . . . .	0.8	0.6	0.4
Leukemia . . . .	5.8	5.4	4.9	Viral hepatitis . . . .	0.5	0.3	0.5
Accidents and adverse effects . . . .	53.7	42.3	33.8	Acute bronchitis and bronchiolitis . . . .	0.5	0.2	0.1
Motor vehicle . . . .	27.4	22.9	18.9	Hyperplasia of prostate . . . .	0.6	0.2	0.1
All other . . . .	26.3	19.5	14.9				
Chronic obstructive pulmonary diseases and allied conditions <sup>3</sup> . . . .	11.6	15.9	19.4				
Bronchitis, chronic and unspecified . . . .	2.1	1.0	0.8				
Emphysema . . . .	8.4	4.0	3.7				
Asthma . . . .	1.0	1.0	1.4				
Other . . . .	(4)	9.9	13.5	All other causes . . . .	44.0	36.8	38.6

<sup>1</sup> With or without renal disease. <sup>2</sup> Includes other types of malignancies not shown separately. <sup>3</sup> Prior to 1980, data are shown for bronchitis, emphysema, and asthma. <sup>4</sup> Included in "all other causes." Comparable data not available separately. <sup>5</sup> Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. <sup>6</sup> Without mention of hernia.

Source of tables 112 and 113: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and unpublished data.

**No. 114. Deaths and Death Rates, by Selected Causes: 1970 to 1990**

(Excludes deaths of nonresidents of the U.S., except as noted. Beginning 1979, deaths classified according to ninth revision of International Classification of Diseases; for earlier years, classified according to revision in use at that time. See also Appendix III and Historical Statistics, Colonial Times to 1970, series B 149-166)

CAUSE OF DEATH	DEATHS (1,000)					CRUDE DEATH RATE PER 100,000 POPULATION <sup>2</sup>				
	1970	1980	1985	1989	1990, <sup>1</sup> prel.	1970	1980	1985	1989	1990, <sup>1</sup> prel.
All causes . . . . .	1,921.0	1,989.8	2,086.4	2,150.5	2,162.0	945.3	878.3	873.9	866.3	861.9
Major cardiovascular diseases . . . . .	1,008.0	988.5	977.9	931.8	920.4	496.0	436.4	409.6	375.4	366.9
Diseases of heart . . . . .	735.5	761.1	771.2	733.9	725.0	362.0	336.0	323.0	295.6	289.0
Percent of total . . . . .	38.3	38.3	37.0	34.1	33.5	38.3	38.3	37.0	34.1	33.5
Rheumatic fever and rheumatic heart disease . . . . .	14.9	7.8	6.6	6.1	6.3	7.3	3.5	2.8	2.5	2.5
Hypertensive heart disease <sup>3</sup> . . . . .	15.0	24.8	23.7	23.3	23.6	7.4	10.9	9.9	9.4	9.4
Ischemic heart disease . . . . .	666.7	585.8	536.8	498.0	489.3	328.1	249.7	224.8	200.6	195.1
Other diseases of endocardium . . . . .	6.7	7.2	9.5	12.2	12.3	3.3	3.2	4.0	4.9	4.9
All other forms of heart disease . . . . .	32.3	155.5	194.6	194.2	193.5	15.9	68.7	81.5	78.2	77.1
Hypertension <sup>3</sup> . . . . .	8.3	7.8	7.8	8.8	9.2	4.1	3.5	3.2	3.5	3.7
Cerebrovascular diseases . . . . .	207.2	170.2	153.1	145.6	145.3	101.9	75.1	64.1	58.6	57.9
Atherosclerosis . . . . .	31.7	29.4	23.9	19.4	16.5	15.6	13.0	10.0	7.8	6.6
Other . . . . .	25.3	20.0	22.0	24.3	24.4	12.5	8.8	9.2	9.8	9.7
Malignancies <sup>4</sup> . . . . .	330.7	416.5	461.6	496.2	506.0	162.8	183.9	193.3	199.9	201.7
Percent of total . . . . .	17.2	20.9	22.1	23.1	23.4	17.2	20.9	22.1	23.1	23.4
Of respiratory and intrathoracic organs . . . . .	69.5	108.5	127.3	142.3	143.8	34.2	47.9	53.3	57.3	57.3
Of digestive organs and peritoneum . . . . .	94.7	110.6	116.6	119.7	121.3	46.6	48.8	48.8	48.2	48.4
Of genital organs . . . . .	41.2	46.4	49.7	55.0	58.0	20.3	20.5	20.8	22.1	23.1
Of breast . . . . .	29.9	35.9	40.4	43.1	45.1	14.7	15.8	16.9	17.4	18.0
Of urinary organs . . . . .	15.5	17.8	18.9	20.2	20.4	7.6	7.9	7.9	8.2	8.1
Leukemia . . . . .	14.5	16.5	17.3	18.2	18.7	7.1	7.3	7.3	7.4	7.4
Accidents and adverse effects . . . . .	114.6	105.7	93.5	95.0	93.6	56.4	46.7	39.1	38.3	37.3
Motor vehicle . . . . .	54.6	53.2	45.9	47.6	47.9	26.9	23.5	19.2	19.2	19.1
All other . . . . .	60.0	52.5	47.6	47.5	45.7	29.5	23.3	19.9	19.1	18.2
Chronic obstructive pulmonary diseases and allied conditions <sup>5</sup> . . . . .	30.9	56.1	74.7	84.3	89.0	15.2	24.7	31.3	34.0	35.5
Bronchitis, chronic and unspecified . . . . .	5.8	3.7	3.6	3.8	3.4	2.9	1.6	1.5	1.5	1.3
Emphysema . . . . .	22.7	13.9	14.2	15.5	16.5	11.2	6.1	5.9	6.2	6.6
Asthma . . . . .	2.3	2.9	3.9	4.9	4.6	1.1	1.3	1.6	2.0	1.8
Other . . . . .	(7)	35.6	53.0	60.2	64.6	(7)	15.7	22.2	24.3	25.7
Pneumonia and influenza . . . . .	62.7	54.6	67.6	76.6	78.6	30.9	24.1	28.3	30.8	31.3
Pneumonia . . . . .	59.0	51.9	65.6	75.0	76.7	29.0	22.9	27.5	30.2	30.6
Influenza . . . . .	3.7	2.7	2.1	1.6	1.9	1.8	1.2	0.9	0.6	0.8
Diabetes mellitus . . . . .	38.3	34.9	37.0	46.8	48.8	18.9	15.4	15.5	18.9	19.5
Suicide . . . . .	23.5	26.9	29.5	30.2	30.8	11.6	11.9	12.3	12.2	12.3
Chronic liver disease and cirrhosis . . . . .	31.4	30.6	26.8	26.7	25.6	15.5	13.5	11.2	10.8	10.2
Other infective and parasitic diseases . . . . .	6.9	5.1	8.1	29.2	32.2	3.4	2.2	3.4	11.8	12.8
Human immunodeficiency virus (HIV) infection (AIDS) . . . . .	(7)	(7)	(7)	22.1	24.1	(7)	(7)	(7)	8.9	9.6
Homicide and legal intervention . . . . .	16.8	24.3	19.9	22.9	25.7	8.3	10.7	8.3	9.2	10.2
Nephritis, nephrotic syndrome, and nephrosis . . . . .	8.9	16.8	21.3	21.1	20.9	4.4	7.4	8.9	8.5	8.3
Septicemia . . . . .	3.5	9.4	17.2	19.3	19.8	1.7	4.2	7.2	7.8	7.9
Certain conditions originating in the perinatal period . . . . .	43.2	22.9	19.2	18.8	17.5	21.3	10.1	8.1	7.6	7.0
Congenital anomalies . . . . .	16.8	13.9	12.8	12.9	13.4	8.3	6.2	5.4	5.2	5.3
Benign neoplasms <sup>6</sup> . . . . .	4.8	6.2	6.7	6.7	7.0	2.4	2.7	2.8	2.7	2.8
Ulcer of stomach and duodenum . . . . .	8.6	6.1	6.6	6.5	6.2	4.2	2.7	2.8	2.6	2.5
Hernia of abdominal cavity and intestinal obstruction . . . . .	7.2	5.4	5.4	5.5	5.6	3.6	2.4	2.2	2.2	2.2
Anemias . . . . .	3.4	3.2	3.7	4.0	4.2	1.7	1.4	1.5	1.6	1.7
Cholelithiasis and other disorders of gall bladder . . . . .	4.0	3.3	3.0	3.0	3.0	2.0	1.5	1.2	1.2	1.2
Nutritional deficiencies . . . . .	2.5	2.4	2.9	3.0	3.1	1.2	1.0	1.2	1.2	1.2
Tuberculosis . . . . .	5.2	2.0	1.8	2.0	1.8	2.6	0.9	0.7	0.8	0.7
Infections of kidney . . . . .	8.2	2.7	2.0	1.4	1.1	4.0	1.2	0.8	0.6	0.4
Viral hepatitis . . . . .	1.0	0.8	0.9	1.5	1.7	0.5	0.4	0.4	0.6	0.7
Meningitis . . . . .	1.7	1.4	1.2	1.1	1.2	0.8	0.6	0.5	0.4	0.5
Acute bronchitis and bronchiolitis . . . . .	1.3	0.6	0.6	0.6	0.6	0.6	0.3	0.3	0.3	0.2
Hyperplasia of prostate . . . . .	2.2	0.8	0.5	0.4	0.3	1.1	0.3	0.2	0.2	0.1
Symptoms, signs, and ill-defined conditions . . . . .	25.8	28.8	31.0	27.0	26.3	12.7	12.7	13.0	10.9	10.5
All other causes . . . . .	108.6	120.0	153.0	171.5	174.1	53.5	53.0	64.4	69.1	69.4

<sup>1</sup> Based on a 10-percent sample of deaths. Includes deaths of nonresidents. <sup>2</sup> 1970, 1980, and 1990 based on resident population enumerated as of Apr. 1; 1985 and 1989 estimated as of July 1. Estimates do not reflect revisions based on the 1990 Census of Population. <sup>3</sup> With or without renal disease. <sup>4</sup> Includes other types of malignancies not shown separately. <sup>5</sup> Prior to 1980, data are shown for bronchitis, emphysema, and asthma. <sup>6</sup> Included in "all other causes." Comparable data not available separately. <sup>7</sup> Data are included in several other categories. <sup>8</sup> Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. <sup>9</sup> Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

## No. 115. Deaths, by Selected Cause and Selected Characteristics: 1969

[In thousands. Excludes deaths of nonresidents of the U.S. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

AGE, SEX, AND RACE	Total <sup>1</sup>	Dis-eases of heart	Malignant neo-plasms	Acci-dents and ad- verse ef-fects	Cere-bral vascu-lar dis-eases	Chronic obstruc-tive pulmo-nary dis-eases <sup>2</sup>	Pneu-monia, flu	Sui-cide	Chronic liver dis-ease, cirrho-sis	Diabe-tes mel-litus	Homi-cide and legal intervention
<b>ALL RACES <sup>3</sup></b>											
<b>Both sexes, total <sup>4</sup></b>	<b>2,150.5</b>	<b>733.9</b>	<b>496.2</b>	<b>95.0</b>	<b>145.8</b>	<b>84.3</b>	<b>76.6</b>	<b>30.2</b>	<b>26.7</b>	<b>46.8</b>	<b>22.9</b>
Under 15 years old	55.9	1.4	1.8	7.9	0.3	0.2	1.0	0.2	(Z)	0.1	1.2
15 to 24 years old	36.5	0.9	1.9	16.7	0.2	0.2	0.3	4.9	0.1	0.1	6.2
25 to 34 years old	60.5	3.5	5.3	16.6	0.9	0.3	0.9	6.6	1.0	0.7	7.1
35 to 44 years old	80.9	11.8	15.7	11.9	2.4	0.6	1.4	5.3	3.6	1.4	4.0
45 to 54 years old	118.3	30.9	39.1	7.5	4.6	2.3	1.7	3.6	4.7	2.8	1.9
55 to 64 years old	260.1	81.4	96.1	7.6	10.5	10.7	3.9	3.3	6.8	6.9	1.1
65 to 74 years old	461.2	165.8	155.0	8.8	26.3	27.1	10.4	3.3	6.5	13.2	0.7
75 to 84 years old	599.2	234.3	130.6	10.3	50.7	30.6	24.0	2.3	3.3	14.2	0.4
85 years old and over	457.4	203.9	50.6	7.8	49.6	12.3	33.0	0.7	0.7	7.5	0.1
<b>Male, total <sup>4</sup></b>	<b>1,114.2</b>	<b>368.2</b>	<b>263.3</b>	<b>63.9</b>	<b>57.3</b>	<b>48.2</b>	<b>35.7</b>	<b>24.1</b>	<b>17.3</b>	<b>19.7</b>	<b>17.7</b>
Under 15 years old	31.9	0.7	1.0	4.9	0.1	0.1	0.6	0.2	(Z)	(Z)	0.7
15 to 24 years old	27.2	0.6	1.1	12.6	0.1	0.1	0.1	4.1	(Z)	0.1	5.1
25 to 34 years old	44.2	2.4	2.6	12.9	0.5	0.2	0.5	5.3	0.7	0.4	5.6
35 to 44 years old	55.3	8.8	6.9	9.0	1.3	0.3	0.9	4.1	2.7	0.9	3.1
45 to 54 years old	74.8	23.1	19.7	5.5	2.4	1.1	1.1	2.7	3.4	1.6	1.5
55 to 64 years old	159.6	56.2	53.6	5.3	5.7	6.0	2.5	2.5	4.5	3.4	0.8
65 to 74 years old	278.4	101.6	87.4	5.3	13.3	15.8	6.4	2.7	3.9	5.9	0.5
75 to 84 years old	292.7	112.3	69.3	5.2	20.8	18.0	12.1	1.9	1.7	5.4	0.2
85 years old and over	149.7	62.4	21.8	3.0	13.1	6.6	11.5	0.6	0.3	2.0	0.1
<b>Female, total <sup>4</sup></b>	<b>1,036.3</b>	<b>365.7</b>	<b>232.8</b>	<b>31.1</b>	<b>88.2</b>	<b>36.2</b>	<b>40.8</b>	<b>6.1</b>	<b>9.4</b>	<b>27.1</b>	<b>5.2</b>
Under 15 years old	24.0	0.6	0.8	2.9	0.1	0.1	0.4	0.1	(Z)	(Z)	0.6
15 to 24 years old	9.3	0.3	0.8	4.1	0.1	0.1	0.1	0.8	(Z)	0.1	1.1
25 to 34 years old	16.4	1.1	2.7	3.7	0.5	0.1	0.4	1.2	0.3	0.3	1.5
35 to 44 years old	25.6	2.9	8.8	2.8	1.1	0.3	0.5	1.2	0.9	0.5	0.9
45 to 54 years old	43.4	7.9	19.4	2.0	2.2	1.1	0.6	0.9	1.3	1.2	0.4
55 to 64 years old	100.4	25.1	42.5	2.3	4.8	4.8	1.4	0.8	2.2	3.6	0.3
65 to 74 years old	202.8	64.2	67.7	3.5	13.0	11.3	4.1	0.6	2.6	7.2	0.3
75 to 84 years old	306.5	122.0	61.3	5.0	29.8	12.7	11.9	0.4	1.6	8.7	0.2
85 years old and over	307.6	141.5	28.8	4.8	36.5	5.7	21.4	0.1	0.4	5.4	0.1
<b>WHITE</b>											
<b>Both sexes, total <sup>4</sup></b>	<b>1,853.8</b>	<b>648.9</b>	<b>434.2</b>	<b>79.1</b>	<b>125.5</b>	<b>77.9</b>	<b>67.9</b>	<b>27.4</b>	<b>22.2</b>	<b>38.1</b>	<b>11.3</b>
Under 15 years old	37.6	0.9	1.4	5.7	0.2	0.1	0.6	0.2	(Z)	(Z)	0.6
15 to 24 years old	27.2	0.6	1.5	14.3	0.2	0.1	0.2	4.1	(Z)	0.1	2.5
25 to 34 years old	43.4	2.3	4.3	13.6	0.6	0.2	0.5	5.7	0.6	0.5	3.3
35 to 44 years old	58.9	8.6	12.6	9.4	1.5	0.4	0.8	4.8	2.5	1.1	2.1
45 to 54 years old	91.6	23.9	31.9	6.0	3.0	1.9	1.2	3.4	3.7	2.0	1.2
55 to 64 years old	215.4	67.1	82.1	6.2	7.8	9.6	3.0	3.2	5.7	5.1	0.7
65 to 74 years old	418.5	144.4	136.6	7.6	21.6	25.1	8.9	3.1	5.8	10.6	0.5
75 to 84 years old	539.1	211.8	117.6	9.2	44.9	28.9	21.8	2.2	3.1	12.0	0.3
85 years old and over	421.7	189.1	46.0	7.1	45.9	11.6	30.8	0.7	0.7	6.6	0.1
<b>BLACK</b>											
<b>Both sexes, total <sup>4</sup></b>	<b>267.6</b>	<b>77.4</b>	<b>55.8</b>	<b>13.4</b>	<b>18.0</b>	<b>5.7</b>	<b>7.6</b>	<b>2.2</b>	<b>3.9</b>	<b>8.0</b>	<b>11.0</b>
Under 15 years old	16.3	0.4	0.3	1.8	0.1	0.1	0.3	(Z)	(Z)	(Z)	0.5
15 to 24 years old	8.2	0.3	0.3	1.9	0.1	0.1	0.1	0.5	(Z)	(Z)	3.5
25 to 34 years old	15.6	1.1	0.9	2.5	0.3	0.1	0.3	0.7	0.3	0.1	3.6
35 to 44 years old	20.1	3.0	2.7	2.1	0.8	0.2	0.6	0.4	0.9	0.3	1.7
45 to 54 years old	24.1	6.4	6.4	1.3	1.4	0.4	0.5	0.2	0.9	0.7	0.7
55 to 64 years old	40.5	13.1	12.6	1.2	2.5	1.0	0.8	0.1	0.9	1.6	0.4
65 to 74 years old	57.0	19.6	16.6	1.1	4.3	1.8	1.4	0.1	0.6	2.3	0.3
75 to 84 years old	54.0	20.3	11.7	0.9	5.2	1.5	1.9	(Z)	0.2	1.9	0.1
85 years old and over	31.7	13.2	4.1	0.6	3.3	0.5	1.8	(Z)	0.3	0.8	0.1

<sup>Z</sup> Fewer than 50. <sup>1</sup> Includes other causes, not shown separately. <sup>2</sup> Includes allied conditions. <sup>3</sup> Includes other races, not shown separately. <sup>4</sup> Includes those deaths with age not stated.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

## No. 116. Deaths, by Age and Leading Cause: 1989

[Excludes deaths of nonresidents of the United States. Deaths classified according to ninth revision of *International Classification of Diseases*. See also appendix III and *Historical Statistics, Colonial Times to 1970*, series B 149-166]

AGE AND LEADING CAUSE OF DEATH	NUMBER OF DEATHS (1,000)			DEATH RATE PER 100,000 POPULATION		
	Total	Male	Female	Total	Male	Female
<b>ALL AGES<sup>1</sup></b>						
All races <sup>2</sup> . . . . .	2,150.5	1,114.2	1,036.3	866.3	921.0	814.3
White . . . . .	1,853.8	950.9	903.0	887.2	930.2	846.0
Black . . . . .	267.6	146.4	121.2	87.0	1,006.5	752.4
Leading causes of death:						
Heart disease . . . . .	733.8	368.2	365.7	295.6	304.3	287.3
Malignant neoplasms (cancer) . . . . .	496.2	263.3	232.8	199.9	217.6	183.0
Stroke (cerebrovascular disease) . . . . .	145.5	57.3	88.2	58.6	47.4	69.3
Accidents . . . . .	95.0	63.9	31.1	38.3	52.8	24.5
Chronic obstructive pulmonary disease . . . . .	84.3	48.2	36.2	34.0	39.8	28.4
Pneumonia . . . . .	76.6	35.7	40.8	30.8	29.5	32.1
Diabetes . . . . .	46.8	19.7	27.1	18.9	16.3	21.3
Suicide . . . . .	30.2	24.1	6.1	12.2	19.9	4.8
Chronic liver disease, cirrhosis . . . . .	26.7	17.3	9.4	10.8	14.3	7.4
Homicide and legal intervention . . . . .	22.9	17.7	5.2	9.2	14.6	4.1
<b>1 TO 14 YEARS OLD</b>						
All causes . . . . .	16.2	9.5	6.7	32.4	37.3	27.4
Leading causes of death:						
Accidents . . . . .	6.9	4.4	2.5	13.7	17.2	10.1
Malignant neoplasms (cancer) . . . . .	1.7	0.9	0.7	3.3	3.6	3.0
Congenital anomalies . . . . .	1.4	0.7	0.7	2.8	2.7	2.9
Homicide and legal intervention . . . . .	0.9	0.5	0.4	1.8	2.0	1.6
Heart disease . . . . .	0.6	0.3	0.3	1.2	1.2	1.1
Pneumonia and influenza . . . . .	0.4	0.2	0.2	0.7	0.7	0.7
<b>15 TO 24 YEARS OLD</b>						
All causes . . . . .	36.5	27.2	9.3	99.9	147.2	51.6
Leading causes of death:						
Accidents . . . . .	16.7	12.6	4.1	45.8	68.5	22.7
Motor vehicle . . . . .	12.9	9.4	3.5	35.4	51.1	19.5
Homicide and legal intervention . . . . .	6.2	5.1	1.1	16.9	27.7	5.9
Suicide . . . . .	4.8	4.1	0.8	13.3	22.2	4.2
Malignant neoplasms (cancer) . . . . .	1.9	1.1	0.8	5.1	5.8	4.3
Heart disease . . . . .	0.9	0.6	0.3	2.6	3.2	1.9
HIV infection <sup>3</sup> . . . . .	0.6	0.5	0.1	1.7	2.7	0.6
<b>25 TO 44 YEARS OLD</b>						
All causes . . . . .	141.4	99.5	42.0	176.1	248.9	103.9
Leading causes of death:						
Accidents . . . . .	28.4	21.9	6.5	35.4	54.8	16.2
Motor vehicle . . . . .	16.6	12.2	4.4	20.6	30.4	10.9
Malignant neoplasms (cancer) . . . . .	21.1	9.5	11.5	26.2	23.8	28.6
HIV infection . . . . .	16.3	14.6	1.7	20.3	36.6	4.2
Heart disease . . . . .	15.2	11.2	4.0	19.0	28.0	10.0
Suicide . . . . .	11.9	9.4	2.4	14.8	23.6	6.1
Homicide and legal intervention . . . . .	11.2	8.8	2.4	13.9	22.0	5.8
<b>45 TO 64 YEARS OLD</b>						
All causes . . . . .	378.3	234.4	143.9	813.3	1,050.8	595.1
Leading causes of death:						
Malignant neoplasms (cancer) . . . . .	135.2	73.3	62.0	290.9	328.5	256.2
Heart disease . . . . .	112.3	79.3	33.0	241.5	355.4	136.4
Stroke (cerebrovascular disease) . . . . .	15.1	8.1	7.0	32.5	36.4	28.9
Accidents . . . . .	15.0	10.8	4.2	32.4	48.4	17.5
Chronic obstructive pulmonary disease . . . . .	13.0	7.1	5.9	28.0	32.0	24.4
Chronic liver disease and cirrhosis . . . . .	11.5	7.9	3.6	24.7	35.4	14.8
Diabetes . . . . .	9.7	4.9	4.8	20.9	22.1	19.8
<b>65 YEARS OLD AND OVER</b>						
All causes . . . . .	1,537.8	720.8	817.0	4,963.0	5,704.4	4,452.4
Leading causes of death:						
Heart disease . . . . .	604.0	276.3	327.6	1,949.2	2,186.8	1,785.6
Malignant neoplasms (cancer) . . . . .	336.2	178.4	157.8	1,085.1	1,412.1	859.9
Stroke (cerebrovascular disease) . . . . .	126.7	47.2	79.5	408.8	373.6	433.0
Chronic obstructive pulmonary disease . . . . .	70.0	40.3	29.7	225.8	319.0	161.6
Pneumonia and influenza . . . . .	67.4	30.0	37.4	217.5	237.2	204.0
Diabetes . . . . .	34.8	13.4	21.4	112.3	106.0	116.6
Accidents . . . . .	26.8	13.5	13.3	86.6	107.0	72.5

<sup>1</sup> Includes those deaths with age not stated. <sup>2</sup> Includes other races, not shown separately. <sup>3</sup> Human immunodeficiency virus.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

**No. 117. Death Rates, by Selected Causes and Selected Characteristics: 1970 to 1989**

[Deaths per 100,000 population in specified group. Except as noted, excludes deaths of nonresidents of United States.  
See headnote, tables 113 and 114]

YEAR AND CHARACTERISTIC	Total <sup>1</sup>	Diseases of heart	Malignant neoplasms	Accidents and adverse effects	Cerebro-vascular diseases	Chronic obstructive pulmonary diseases <sup>2</sup>	Pneumonia, flu	Suicide	Chronic liver disease, cirrhosis	Diabetes mellitus	Homicide and legal intervention
<b>ALL RACES <sup>3</sup></b>											
<b>Both sexes:</b>											
1970, age-adjusted . . .	714.3	253.6	129.9	53.7	66.3	(*)	22.1	11.8	14.7	14.1	9.1
1980, age-adjusted . . .	585.8	202.0	132.8	42.3	40.8	15.9	12.9	11.4	12.2	10.1	10.8
1985, age-adjusted . . .	546.1	180.5	133.6	34.7	32.3	18.7	13.4	11.5	9.6	9.6	8.3
1989, age-adjusted <sup>5</sup> . . .	523.0	155.9	133.0	33.8	28.0	19.4	13.7	11.3	8.9	11.5	9.4
15 to 24 years old . . .	99.9	2.6	5.1	45.8	0.6	0.5	0.7	13.3	0.2	0.4	16.9
25 to 34 years old . . .	138.1	7.9	12.1	37.8	2.1	0.7	2.0	15.0	2.2	1.6	16.3
35 to 44 years old . . .	221.7	32.3	43.1	32.5	6.4	1.7	3.9	14.6	9.9	3.9	11.0
45 to 54 years old . . .	475.0	124.2	157.2	30.1	18.4	9.2	6.9	14.6	19.0	11.2	7.6
55 to 64 years old . . .	1,204.4	376.7	445.1	35.0	48.8	49.8	18.0	15.5	31.3	32.1	5.0
65 to 74 years old . . .	2,646.7	911.8	852.6	48.5	144.7	148.9	57.3	18.0	35.7	72.4	4.1
75 to 84 years old . . .	6,198.8	2,400.6	1,338.1	105.1	519.8	313.8	246.1	23.1	34.2	145.1	4.2
85 years old and over . . .	15,034.8	6,701.6	1,662.3	255.2	1,631.0	403.5	1,083.3	22.8	23.1	245.6	4.3
<b>Male:</b>											
1970, age-adjusted . . .	931.6	348.5	157.4	80.7	73.2	(*)	28.8	17.3	20.2	13.5	14.9
1980, age-adjusted . . .	777.2	280.4	165.5	64.0	44.9	26.1	17.4	18.0	17.1	10.2	17.4
1985, age-adjusted . . .	716.8	247.7	164.5	51.8	35.2	27.9	18.2	16.8	13.6	9.9	12.8
1989, age-adjusted <sup>5</sup> . . .	678.7	210.2	162.4	49.5	30.4	26.4	17.9	18.6	12.8	12.0	14.7
15 to 24 years old . . .	147.2	3.2	5.8	68.5	0.6	0.5	0.8	22.2	0.2	0.4	27.7
25 to 34 years old . . .	201.2	10.8	11.8	58.6	2.1	0.8	2.4	24.3	3.1	1.9	25.7
35 to 44 years old . . .	307.0	49.1	38.4	50.1	7.1	1.9	5.2	22.8	15.1	4.9	17.5
45 to 54 years old . . .	617.9	190.3	162.8	45.5	20.0	9.4	9.0	22.4	27.9	12.8	12.2
55 to 64 years old . . .	1,564.8	551.3	525.3	51.9	55.9	58.8	24.1	24.6	44.3	33.2	8.0
65 to 74 years old . . .	3,439.2	1,255.3	1,079.1	65.7	164.3	194.7	78.6	33.0	48.6	73.1	5.8
75 to 84 years old . . .	7,929.3	3,043.5	1,877.3	141.3	564.0	486.5	327.3	51.3	46.9	147.3	5.8
85 years old and over . . .	17,615.9	7,338.2	2,563.3	351.8	1,539.2	774.6	1,356.8	66.7	35.5	240.1	7.6
<b>Female:</b>											
1970, age-adjusted . . .	532.5	175.2	108.8	28.2	60.8	(*)	16.7	6.8	9.8	14.4	3.7
1980, age-adjusted . . .	432.6	140.3	109.2	21.8	37.6	8.9	9.8	5.4	7.9	10.0	4.5
1985, age-adjusted . . .	409.4	127.3	111.4	18.6	30.0	12.5	10.1	4.9	6.1	9.4	3.9
1989, age-adjusted <sup>5</sup> . . .	395.3	112.3	111.7	18.9	26.2	14.7	10.7	4.5	5.5	11.0	4.1
15 to 24 years old . . .	51.6	1.9	4.3	22.7	0.6	0.4	0.7	4.2	0.2	0.4	5.9
25 to 34 years old . . .	74.8	5.0	12.4	17.0	2.1	0.7	1.6	5.6	1.4	1.3	6.8
35 to 44 years old . . .	138.5	15.9	47.7	15.3	5.9	1.6	2.6	6.6	4.8	2.9	4.7
45 to 54 years old . . .	339.8	61.6	151.9	15.5	16.9	8.9	4.8	7.3	10.5	9.6	3.2
55 to 64 years old . . .	881.7	220.5	373.3	19.8	42.5	41.7	12.5	7.3	19.6	31.2	2.4
65 to 74 years old . . .	2,010.7	636.1	670.9	34.6	128.9	112.1	40.2	5.9	25.3	71.8	2.7
75 to 84 years old . . .	5,050.6	2,009.6	1,010.6	83.1	493.0	208.7	196.7	6.0	26.5	143.7	3.2
85 years old and over . . .	14,033.9	6,454.7	1,312.9	217.8	1,666.6	259.5	977.3	5.6	18.3	247.7	3.0
<b>WHITE</b>											
<b>Both sexes:</b>											
1970, age-adjusted . . .	679.6	249.1	127.8	51.0	61.8	(*)	19.8	12.4	13.4	12.9	4.7
1980, age-adjusted . . .	559.4	197.6	129.6	41.5	38.0	16.3	12.2	12.1	11.0	9.1	6.9
1985, age-adjusted . . .	523.1	176.1	130.7	34.1	30.1	19.2	12.8	12.3	8.9	8.6	5.4
1989, age-adjusted . . .	496.1	151.0	130.2	32.9	25.9	19.8	13.0	12.0	8.3	10.3	5.4
<b>Male:</b>											
1970, age-adjusted . . .	893.4	347.6	154.3	76.2	68.3	(*)	26.0	18.2	18.8	12.7	7.3
1980, age-adjusted . . .	745.3	277.5	160.5	62.3	41.9	26.7	16.2	18.9	15.7	9.5	10.9
1985, age-adjusted . . .	688.7	244.5	159.2	50.4	32.8	28.5	17.4	19.9	12.6	9.2	8.1
1989, age-adjusted . . .	644.2	205.8	157.2	47.8	28.0	26.8	16.9	19.6	11.9	11.0	8.1
<b>Female:</b>											
1970, age-adjusted . . .	501.7	167.8	107.6	27.2	56.2	(*)	15.0	7.2	8.7	12.8	2.2
1980, age-adjusted . . .	411.1	134.6	107.7	21.4	35.2	9.2	9.4	5.7	7.0	8.7	3.2
1985, age-adjusted . . .	390.6	121.7	110.3	18.4	27.9	12.9	9.8	5.3	5.6	8.1	2.9
1989, age-adjusted . . .	374.9	106.8	110.7	18.5	24.1	15.2	10.3	4.8	5.0	9.6	2.8
<b>BLACK</b>											
<b>Both sexes:</b>											
1970, age-adjusted . . .	1,044.0	307.6	156.7	74.4	114.5	(*)	40.4	6.1	24.8	26.5	46.1
1980, age-adjusted . . .	842.5	255.7	172.1	51.2	68.5	12.5	19.2	8.4	21.6	20.3	40.6
1985, age-adjusted . . .	779.9	236.2	173.0	41.8	55.0	15.0	18.5	6.4	16.1	19.7	29.0
1989, age-adjusted . . .	783.1	216.4	172.7	42.7	49.0	16.6	19.8	7.1	13.9	23.7	35.7
<b>Male:</b>											
1970, age-adjusted . . .	1,318.6	375.9	198.0	119.5	122.5	(*)	53.8	9.9	33.1	21.2	82.1
1980, age-adjusted . . .	1,112.8	327.3	229.9	82.0	77.5	20.9	28.0	11.1	30.6	17.7	71.9
1985, age-adjusted . . .	1,024.0	301.0	231.6	66.7	60.8	23.9	26.8	11.3	23.4	17.7	49.9
1989, age-adjusted . . .	1,032.1	272.6	230.6	67.3	54.1	24.9	27.9	12.5	20.5	22.6	61.5
<b>Female:</b>											
1970, age-adjusted . . .	814.4	251.7	123.5	35.3	107.9	(*)	29.2	2.9	17.8	30.9	15.0
1980, age-adjusted . . .	631.1	201.1	129.7	25.1	61.7	6.3	12.7	2.4	14.4	22.1	13.7
1985, age-adjusted . . .	589.1	186.8	130.4	20.7	50.3	8.7	12.4	2.1	10.1	21.1	10.8
1989, age-adjusted . . .	585.6	172.9	130.9	21.6	44.9	10.9	13.8	2.4	8.5	24.2	12.5

<sup>1</sup> Includes other causes, not shown separately. <sup>2</sup> Includes allied conditions. <sup>3</sup> Includes other races not shown separately.

<sup>4</sup> Data not available on a comparable basis with later years. <sup>5</sup> Includes persons under 15 years old, not shown separately.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report* and *Vital Statistics of the United States*, annual.

## No. 118. Death Rates, by Cause—States

[Deaths per 100,000 resident population estimated as of July 1. By place of residence. Excludes nonresidents of the United States. Causes of death classified according to ninth revision of *International Classification of Diseases*.]

DIVISION AND STATE	Total <sup>1</sup> 1989	Dis-eases of heart 1989	Malignant neo-plasms 1989	Cerebro- vascular dis-eases 1989	Acci-dents and ad- verse ef-fects 1989	Suicide 1989	Chronic obstruc-tive pulmo-nary dis-eases <sup>2</sup> 1988	Pneu-monia, flu 1988	Diabetes mellitus 1988	Chronic liver dis-ease and cirrho-sis 1988	Athero-sclerosis 1988	Homi-cide and legal intervention 1988	HIV <sup>3</sup> infection 1988
U.S. . .	866.3	295.6	199.9	58.6	38.3	12.2	33.7	31.6	16.4	10.7	9.0	9.0	6.8
N.E. . .	888.9	300.4	224.5	56.8	29.6	9.8	34.6	36.6	17.6	11.5	10.1	4.2	4.7
ME.	915.3	312.1	230.4	59.4	35.3	13.9	46.1	29.5	22.9	10.5	14.4	3.0	1.4
NH.	765.3	254.6	195.8	51.1	32.7	11.4	33.5	28.2	16.4	11.1	9.9	2.6	2.2
VT.	808.8	260.1	192.9	52.6	39.9	16.6	45.2	33.4	16.7	11.0	8.8	2.5	1.1
MA. . .	911.9	301.6	230.5	58.0	27.4	8.3	34.4	43.0	15.7	12.4	10.7	4.1	5.4
RI.	957.6	342.4	245.4	60.7	28.8	10.0	34.3	26.1	28.6	13.1	9.4	4.5	4.2
CT.	872.0	303.5	220.3	55.2	28.9	9.4	29.3	34.1	16.4	10.2	7.9	5.6	6.2
M.A. . .	972.4	355.8	226.1	55.6	31.8	9.2	32.2	35.4	19.7	12.8	8.6	9.0	14.9
NY.	956.4	361.1	212.2	50.9	30.2	8.5	31.0	38.7	18.1	14.2	8.7	12.8	22.3
NJ.	923.7	314.3	232.5	53.1	27.4	6.5	29.3	31.1	19.8	13.5	8.0	5.4	15.0
PA. . .	1027.5	374.5	242.6	64.2	36.9	12.1	36.0	33.3	21.9	10.3	8.7	5.6	3.9
E.N.C. . .	879.6	312.5	204.9	60.0	34.9	11.2	33.6	31.3	17.6	9.9	10.3	7.8	2.6
OH.	901.9	324.2	212.9	57.6	33.4	11.3	37.5	29.9	19.7	8.9	9.4	5.2	2.1
IN.	877.8	306.0	203.1	67.9	36.7	12.1	37.4	26.8	22.0	8.3	12.1	5.9	2.0
IL.	886.7	314.9	205.3	58.9	35.0	10.0	30.4	33.1	15.8	10.8	9.1	9.8	4.0
MI.	850.4	303.0	197.7	56.1	35.3	11.3	31.4	29.1	16.5	11.7	12.9	11.5	2.3
WI.	870.2	305.9	201.7	66.6	35.2	12.3	32.7	37.1	16.2	8.1	8.7	3.5	1.2
W.N.C. . .	902.3	310.4	207.0	68.0	38.1	11.8	37.3	39.0	15.2	7.0	12.0	4.6	2.1
MN.	788.1	249.9	184.2	65.4	35.4	11.8	30.1	35.7	12.9	6.8	9.8	2.9	1.7
IA.	957.6	340.9	217.9	75.4	40.4	11.1	42.5	44.4	16.2	6.8	17.6	1.9	0.8
MO.	977.4	343.2	225.3	67.1	42.0	12.9	40.5	37.7	16.0	7.3	8.6	8.5	3.6
ND.	834.8	283.9	205.6	61.1	33.6	10.6	30.4	31.5	17.2	8.7	14.7	2.4	0.4
SD.	915.9	335.8	202.0	71.5	45.9	12.6	33.7	43.2	13.3	7.3	9.7	4.5	0.7
NE.	918.7	318.3	205.3	71.8	38.0	10.8	36.4	45.7	15.5	6.4	16.1	3.4	1.7
KS.	866.9	307.8	199.4	64.5	38.8	11.3	40.4	38.1	16.4	7.1	13.5	4.0	2.2
S.A. . .	906.1	303.2	212.2	62.1	42.6	13.8	34.2	27.9	16.8	11.2	7.5	11.5	7.2
DE.	868.2	291.4	212.3	48.0	37.1	14.1	30.2	22.9	22.3	9.7	5.8	4.7	3.9
MD.	817.1	257.9	202.3	48.7	30.1	11.2	30.4	27.9	16.7	9.8	6.4	10.6	5.4
DC.	1266.4	326.7	282.0	73.8	36.6	8.4	23.5	44.7	22.0	34.7	3.7	49.9	40.0
VA.	773.6	258.7	184.7	54.4	36.3	13.3	27.3	29.0	12.5	9.0	6.8	8.2	4.3
WV.	1053.2	394.8	235.9	63.4	48.1	12.4	48.1	36.7	20.8	6.8	11.1	5.8	0.9
NC.	874.7	268.6	197.5	70.2	48.3	13.3	32.3	29.7	20.4	10.8	6.4	9.0	3.4
SC.	843.3	272.1	184.9	70.1	52.7	12.1	27.4	21.5	15.9	9.4	5.2	10.0	3.3
GA.	812.0	260.3	173.2	58.3	46.9	13.3	29.0	26.1	14.4	9.2	6.2	12.8	7.5
FL.	1047.8	365.4	257.1	66.4	42.1	16.4	43.1	27.3	17.3	13.6	9.8	13.9	11.7
E.S.C. . .	942.8	328.0	209.8	70.3	50.7	12.7	35.9	31.6	18.7	8.8	9.0	9.8	2.1
KY.	949.8	328.8	221.5	67.4	46.2	12.9	41.1	35.9	22.7	8.7	10.2	6.0	1.2
TN.	920.1	313.1	205.6	71.9	47.3	13.2	35.6	33.2	15.1	8.4	8.8	10.4	2.1
AL.	947.2	320.1	209.0	69.7	53.6	12.3	35.1	28.8	19.3	9.8	9.3	11.5	2.2
MS.	968.6	367.3	201.0	72.2	58.9	12.0	30.7	27.1	19.0	8.1	7.5	11.8	2.8
W.S.C. . .	803.6	266.9	178.2	56.2	41.5	12.3	27.2	26.7	14.4	8.2	7.9	11.9	5.7
AR.	1024.4	346.7	229.7	84.6	53.7	10.2	36.2	41.7	17.5	7.0	8.7	10.6	2.2
LA.	859.5	291.1	194.2	56.4	43.7	12.4	25.9	23.2	19.6	7.4	8.5	13.2	5.6
OK.	924.8	331.8	207.2	70.8	41.4	12.9	37.2	36.0	16.6	8.9	12.0	8.1	2.4
TX.	735.0	237.1	161.3	49.3	39.2	12.5	24.3	23.7	12.2	8.4	6.9	12.4	6.9
Mt. . .	705.1	212.1	158.0	42.9	41.7	17.7	38.6	28.2	14.3	10.3	8.4	6.9	3.5
MT.	838.1	253.2	195.8	53.5	44.5	20.0	47.6	30.9	19.0	10.8	10.9	4.2	0.6
ID.	736.5	228.3	164.9	56.9	47.3	15.8	40.2	34.2	16.3	6.5	8.3	3.7	1.1
WY.	685.1	203.8	158.7	35.8	44.4	17.3	41.1	31.1	14.6	8.6	8.1	2.7	0.6
CO.	637.4	184.0	141.8	39.9	33.3	16.6	39.3	29.8	11.2	8.3	10.8	5.8	5.1
NM.	691.9	197.3	147.2	36.8	53.3	19.5	31.3	24.3	17.1	12.8	7.0	11.1	2.1
AZ.	793.4	246.6	181.6	46.1	45.9	18.9	41.9	28.6	15.6	12.9	9.1	9.3	4.3
UT.	541.2	159.8	108.8	37.4	32.5	12.4	22.1	24.3	13.1	4.8	4.4	3.2	2.0
NV.	778.5	245.6	187.2	40.5	43.0	23.1	52.8	25.0	11.7	17.1	6.4	9.9	6.1
Pac. . .	747.8	237.4	169.1	55.0	37.6	13.1	34.8	31.7	12.6	13.4	8.7	9.4	9.5
WA.	759.6	235.2	183.1	56.4	35.8	13.6	39.7	26.3	14.1	9.8	10.2	5.9	4.4
OR.	883.6	269.1	206.4	71.8	44.3	16.7	43.2	33.4	16.0	10.4	14.0	5.4	3.6
CA.	745.3	239.5	165.7	54.2	37.1	12.7	34.2	33.0	12.0	14.7	8.3	10.7	11.2
AK.	397.5	90.3	83.5	18.4	70.6	16.9	13.5	8.8	7.6	8.8	1.0	5.2	1.3
HI.	584.7	179.3	141.5	44.2	27.2	9.8	17.5	17.9	13.4	7.2	3.5	3.2	5.6

<sup>1</sup> Includes other causes not shown separately. <sup>2</sup> Includes allied conditions. <sup>3</sup> Human immunodeficiency virus.

Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*.

# AIDS Deaths—Heart Disease Deaths

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## No. 119. Acquired Immunodeficiency Syndrome (AIDS) Deaths, by Selected Characteristics: 1982 to 1991

[Data are shown by year of death and are subject to retrospective changes. For data on AIDS cases reported, see table 192. Based on reporting by State health departments]

CHARACTERISTIC	NUMBER									PERCENT DISTRIBUTION	
	Total, 1982- 1991 <sup>1</sup>	1984	1985	1986	1987	1988	1989	1990	1991	Total	1991
<b>Total<sup>2</sup></b>	<b>126,827</b>	<b>3,266</b>	<b>6,404</b>	<b>10,965</b>	<b>14,612</b>	<b>18,248</b>	<b>25,045</b>	<b>26,389</b>	<b>19,718</b>	<b>100</b>	<b>100</b>
Age:											
Under 5 years old	1,430	45	82	118	213	223	271	271	147	1	1
5 to 12 years old	294	4	12	24	46	42	58	62	44	(Z)	(Z)
13 to 29 years old	23,922	679	1,291	2,176	2,884	3,531	4,598	4,745	3,574	19	18
30 to 39 years old	57,062	1,467	2,882	4,974	6,535	8,091	11,380	11,927	8,830	45	45
40 to 49 years old	29,120	704	1,342	2,354	3,116	4,054	5,800	6,383	4,903	23	25
50 to 59 years old	10,339	277	555	881	1,186	1,538	2,052	2,098	1,560	8	8
60 years old and over	4,660	90	230	438	652	769	886	903	660	4	3
Sex:											
Male	113,948	3,000	5,915	10,022	13,178	16,334	22,392	23,498	17,628	90	89
Female	12,879	266	489	943	1,434	1,914	2,653	2,891	2,090	10	11
Race/ethnicity:											
White, non-Hispanic	71,259	1,893	3,807	6,507	8,250	10,044	13,653	14,584	11,378	56	58
Black, non-Hispanic	37,558	895	1,705	2,904	4,283	5,564	7,635	8,053	5,815	30	29
Hispanic	16,791	454	852	1,465	1,954	2,462	3,498	3,494	2,292	13	12

<sup>1</sup> Less than 0.5 percent. <sup>2</sup> Includes deaths prior to 1982. <sup>2</sup> Includes other race/ethnicity groups not shown separately.

Source: U.S. Centers for Disease Control, Atlanta, GA, unpublished data.

## No. 120. Death Rates From Heart Disease, by Sex, Age, and Selected Type: 1970 to 1989

[Deaths per 100,000 population in specified age groups. Excludes deaths of nonresidents of the United States. Beginning 1980, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See Appendix III]

AGE AT DEATH AND SELECTED TYPE OF HEART DISEASE	MALE					FEMALE				
	1970	1980	1985	1988	1989	1970	1980	1985	1988	1989
<b>Total U.S. rate<sup>1</sup></b>	<b>422.5</b>	<b>368.6</b>	<b>342.8</b>	<b>321.9</b>	<b>304.3</b>	<b>304.5</b>	<b>305.1</b>	<b>304.3</b>	<b>301.2</b>	<b>287.3</b>
25 to 34 years	15.2	11.4	11.5	11.3	10.8	7.7	5.3	5.0	5.1	5.0
35 to 44 years	103.2	88.7	58.4	52.2	49.1	32.2	21.4	18.3	16.8	15.9
45 to 54 years	376.4	282.6	236.9	198.8	180.3	109.9	84.5	73.8	66.7	61.6
55 to 64 years	987.2	748.6	651.9	584.7	551.3	351.6	272.1	250.3	237.0	220.5
65 years old and over	3,258.0	2,778.6	2,519.3	2,336.1	2,186.8	2,268.2	2,027.5	1,938.0	1,881.3	1,785.6
65 to 74 years	2,170.3	1,728.0	1,508.4	1,358.1	1,255.3	1,082.7	828.6	745.3	685.6	636.1
75 to 84 years	4,534.8	3,834.3	3,498.0	3,239.1	3,043.5	3,120.8	2,497.0	2,245.2	2,122.4	2,009.6
85 years old and over	8,426.2	8,752.7	8,123.7	7,830.9	7,338.2	7,591.8	7,350.5	6,935.7	6,810.1	6,454.7
Persons 45 to 54 years old:										
Ischemic heart	338.0	217.3	169.9	134.5	129.1	84.0	52.2	43.3	36.8	34.2
Rheumatic heart	11.4	3.1	1.9	1.5	1.2	10.6	4.3	2.7	2.1	1.9
Hypertensive heart <sup>2</sup>	4.6	8.3	8.4	7.5	7.5	4.0	5.4	4.6	4.2	4.2
Persons 55 to 64 years old:										
Ischemic heart	904.6	581.1	474.6	401.3	385.1	299.1	189.0	163.3	147.1	139.1
Rheumatic heart	21.5	6.2	4.2	3.4	3.3	20.8	9.2	6.3	5.6	4.6
Hypertensive heart <sup>2</sup>	11.7	21.8	19.6	18.6	19.0	9.1	13.3	12.2	11.6	10.5
Persons 65 to 74 years old:										
Ischemic heart	2,010.0	1,355.5	1,110.8	956.9	900.9	978.0	605.3	514.1	453.1	428.1
Rheumatic heart	31.9	11.8	8.6	7.3	6.6	30.2	18.6	13.3	12.5	11.2
Hypertensive heart <sup>2</sup>	30.6	44.3	38.2	34.9	32.8	24.8	36.2	29.0	26.3	24.9
Persons 75 to 84 years old:										
Ischemic heart	4,222.7	2,953.7	2,544.9	2,277.5	2,181.1	2,866.3	1,842.7	1,547.5	1,413.1	1,359.6
Rheumatic heart	34.8	16.7	14.7	13.6	13.8	34.3	25.4	24.1	24.6	23.3
Hypertensive heart <sup>2</sup>	80.8	90.7	79.5	69.6	69.4	83.9	101.1	80.4	74.3	73.6
Persons 85 years old and over:										
Ischemic heart	7,781.5	6,601.6	5,658.9	5,236.2	5,042.5	6,951.5	5,280.6	4,642.8	4,374.2	4,242.2
Rheumatic heart	34.7	19.5	17.7	21.1	19.8	39.2	25.8	27.2	29.9	30.1
Hypertensive heart <sup>2</sup>	182.0	180.3	150.7	148.8	142.9	223.5	250.8	213.9	199.4	205.1

<sup>1</sup> Includes persons under 25 years old, not shown separately. <sup>2</sup> With or without renal disease.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 121. Death Rates From Cancer, by Sex, Age, and Selected Type: 1970 to 1989

[Deaths per 100,000 population in the specified age groups. See headnote, table 120.]

AGE AT DEATH AND SELECTED TYPE OF CANCER	MALE					FEMALE				
	1970	1980	1985	1988	1989	1970	1980	1985	1988	1989
Total U.S. rate <sup>1</sup> . . . . .	182.1	205.3	212.6	215.5	217.6	144.4	163.6	175.1	180.0	183.0
25 to 34 years . . . . .	16.3	13.4	13.0	11.7	11.8	16.7	14.0	13.1	12.2	12.4
35 to 44 years . . . . .	53.0	44.0	42.3	39.7	38.4	65.8	53.1	49.1	48.5	47.7
45 to 54 years . . . . .	183.5	188.7	174.5	166.3	162.8	181.5	171.8	164.0	154.9	151.9
55 to 64 years . . . . .	51.8	52.0	53.1	52.6	52.5	343.2	361.7	379.1	376.6	373.3
65 years old and over . . . . .	1,221.2	1,371.6	1,389.8	1,398.6	1,412.1	708.3	767.8	813.8	840.5	859.9
65 to 74 years . . . . .	1,006.8	1,093.2	1,085.6	1,072.7	1,079.1	557.9	607.1	644.6	659.2	670.9
75 to 84 years . . . . .	1,588.3	1,790.5	1,840.2	1,861.0	1,877.3	891.9	903.1	948.3	982.6	1,010.2
85 years old and over . . . . .	1,720.8	2,369.5	2,413.7	2,527.9	2,563.3	1,096.7	1,255.7	1,262.9	1,292.8	1,312.9
Persons, 35 to 44 years old:										
Respiratory, intrathoracic . . . . .	17.0	12.6	10.6	9.6	9.0	6.5	6.8	5.8	5.6	5.5
Digestive organs, peritoneum . . . . .	11.4	9.5	9.0	9.1	8.4	8.6	6.5	5.8	5.6	5.4
Breast . . . . .	0.1	-	0.1	0.1	(B)	20.4	17.9	17.5	17.6	17.7
Genital organs . . . . .	1.4	0.7	0.7	0.5	0.7	13.6	8.3	7.1	6.9	6.9
Lymphatic and hematopoietic tissues, excl. leukemia . . . . .	5.6	4.3	4.6	4.4	4.7	3.2	2.4	2.3	2.4	2.3
Urinary organs . . . . .	1.9	1.4	1.6	1.4	1.4	1.0	0.6	0.9	0.7	0.7
Lip, oral cavity, and pharynx . . . . .	1.7	1.8	1.4	1.2	1.2	0.7	0.5	0.6	0.4	0.5
Leukemia . . . . .	3.4	3.2	3.0	3.0	2.7	2.8	2.6	2.1	2.1	2.0
Persons, 45 to 54 years old:										
Respiratory, intrathoracic . . . . .	72.1	79.8	70.7	65.7	64.1	22.2	34.8	35.9	35.0	34.2
Digestive organs, peritoneum . . . . .	45.9	44.3	41.7	39.5	38.9	32.5	27.8	25.7	22.4	22.0
Breast . . . . .	0.4	0.2	0.3	0.3	0.2	52.6	48.1	46.7	45.3	44.7
Genital organs . . . . .	3.4	3.4	3.1	3.1	2.9	34.4	24.1	20.4	18.5	18.5
Lymphatic and hematopoietic tissues, excl. leukemia . . . . .	12.8	10.2	10.0	10.5	10.5	8.3	6.6	6.4	6.1	6.1
Urinary organs . . . . .	8.0	7.4	7.5	7.0	7.0	3.5	3.3	3.0	2.9	3.1
Lip, oral cavity, and pharynx . . . . .	7.9	8.2	6.8	6.6	5.9	2.6	2.6	2.0	1.9	1.8
Leukemia . . . . .	6.6	6.2	5.7	5.5	5.3	4.9	4.4	4.3	3.9	3.9
Persons, 55 to 64 years old:										
Respiratory, intrathoracic . . . . .	202.3	223.8	231.1	229.5	227.1	38.9	74.5	93.9	102.2	104.3
Digestive organs, peritoneum . . . . .	139.0	129.3	129.3	125.9	124.5	86.0	79.1	74.7	69.8	68.2
Breast . . . . .	0.6	0.7	0.6	0.4	0.6	77.6	80.5	83.6	81.8	78.6
Genital organs . . . . .	22.8	23.5	24.3	25.1	27.0	58.2	46.8	42.8	41.3	39.5
Lymphatic and hematopoietic tissues, excl. leukemia . . . . .	27.1	24.4	25.0	25.6	26.2	17.7	16.8	17.5	16.5	17.5
Urinary organs . . . . .	26.4	22.9	22.2	21.4	22.7	9.4	8.9	8.5	8.5	8.9
Lip, oral cavity, and pharynx . . . . .	20.1	17.9	15.8	15.4	15.6	6.2	6.0	5.4	4.9	5.4
Leukemia . . . . .	15.4	14.7	14.6	13.9	14.6	9.0	9.3	9.2	8.5	9.1
Persons, 65 to 74 years old:										
Respiratory, intrathoracic . . . . .	340.7	422.0	424.8	425.4	425.5	45.6	106.1	145.1	164.1	175.9
Digestive organs, peritoneum . . . . .	293.3	284.1	272.7	257.3	261.8	185.8	173.6	162.7	155.6	154.5
Breast . . . . .	1.4	1.1	1.0	1.1	1.1	93.8	101.1	107.7	109.4	111.1
Genital organs . . . . .	103.7	107.6	108.3	111.8	113.7	85.6	73.6	71.2	71.3	70.1
Lymphatic and hematopoietic tissues, excl. leukemia . . . . .	50.3	48.1	52.2	52.0	53.4	34.6	34.4	36.6	38.5	39.2
Urinary organs . . . . .	60.3	56.9	51.1	50.0	50.1	20.1	19.7	19.7	19.7	19.4
Lip, oral cavity, and pharynx . . . . .	26.8	25.4	23.7	20.9	20.2	6.7	8.8	8.6	8.3	8.0
Leukemia . . . . .	35.3	35.3	34.0	32.7	35.1	19.3	18.7	19.2	17.8	19.1
Persons, 75 to 84 years old:										
Respiratory, intrathoracic . . . . .	354.2	511.5	559.0	578.8	581.3	56.5	98.0	137.2	169.8	187.7
Digestive organs, peritoneum . . . . .	507.5	496.6	476.2	456.8	458.9	353.3	326.3	312.2	297.1	301.2
Breast . . . . .	2.7	2.1	2.3	2.3	2.2	127.4	126.4	137.7	143.1	147.5
Genital organs . . . . .	289.4	315.4	321.4	333.9	340.5	104.9	95.7	93.8	94.5	93.6
Lymphatic and hematopoietic tissues, excl. leukemia . . . . .	74.0	80.0	92.8	96.7	101.0	49.4	57.8	64.2	69.4	72.5
Urinary organs . . . . .	112.2	112.4	106.2	102.5	106.8	44.0	37.4	36.8	36.9	38.1
Lip, oral cavity, and pharynx . . . . .	36.8	31.4	27.6	26.0	24.0	10.8	10.9	10.0	11.0	10.6
Leukemia . . . . .	68.3	71.5	70.1	71.8	71.9	39.6	38.5	38.5	37.7	37.2
Persons, 85 years old and over:										
Respiratory, intrathoracic . . . . .	215.3	386.3	450.2	492.8	500.7	56.5	96.3	102.7	125.7	128.1
Digestive organs, peritoneum . . . . .	583.7	705.8	656.8	659.1	670.1	465.0	504.3	490.4	483.3	485.4
Breast . . . . .	2.9	2.6	3.9	4.0	4.1	157.1	169.3	175.9	183.9	185.8
Genital organs . . . . .	434.2	612.3	605.0	663.6	698.0	107.3	115.9	104.6	106.8	108.7
Lymphatic and hematopoietic tissues, excl. leukemia . . . . .	58.1	93.2	113.1	126.8	128.8	41.7	63.0	72.6	78.7	82.8
Urinary organs . . . . .	140.5	177.0	182.7	165.0	174.1	59.9	63.8	62.3	64.8	63.3
Lip, oral cavity, and pharynx . . . . .	47.0	40.2	32.2	33.0	28.7	19.2	16.0	15.8	14.4	16.1
Leukemia . . . . .	83.3	117.1	113.1	110.1	100.0	50.9	61.1	63.0	62.4	63.5

- Represents zero. B Base figure too small to meet statistical standards for reliability of a derived figure. <sup>1</sup> Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

## No. 122. Death Rates From Accidents and Violence: 1970 to 1989

[Rates are per 100,000 population. Excludes deaths of nonresidents of the United States. Beginning 1980, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revisions in use at the time; see text, section 2. See Appendix III.]

CAUSE OF DEATH AND AGE	WHITE						BLACK					
	Male			Female			Male			Female		
	1970	1980	1989	1970	1980	1989	1970	1980	1989	1970	1980	1989
Total <sup>1</sup>	101.9	97.1	81.1	42.4	36.3	32.8	183.2	154.0	138.6	51.7	42.6	39.4
Motor vehicle accidents	39.1	35.9	27.0	14.8	12.8	12.1	44.3	31.1	28.3	13.4	8.3	9.3
All other accidents	38.2	30.4	24.5	18.3	14.4	12.7	63.3	46.0	37.0	22.5	18.6	15.0
Suicide	18.0	19.9	21.4	7.1	5.9	5.2	8.0	10.3	12.2	2.6	2.2	2.4
Homicide	6.8	10.9	8.2	2.1	3.2	2.8	67.6	66.6	61.1	13.3	13.5	12.9
15 to 24 years old	130.7	138.6	107.1	34.9	37.3	32.7	234.3	162.0	188.0	45.5	35.0	33.9
25 to 34 years old	96.6	118.4	96.0	23.8	29.0	26.6	384.4	256.9	205.9	76.0	49.4	47.4
35 to 44 years old	85.7	94.1	80.4	25.8	29.2	24.7	345.2	218.1	184.9	77.2	43.2	40.8
45 to 54 years old	87.5	90.8	73.8	30.4	31.8	25.5	303.3	207.3	144.0	65.5	40.2	30.8
55 to 64 years old	101.5	92.3	80.1	36.3	33.8	28.7	242.4	188.5	130.6	56.0	47.3	37.3
65 years old and over	216.9	163.9	151.9	122.4	87.2	81.4	220.0	215.8	187.1	107.9	102.9	87.8
65 to 74 years old	128.0	116.7	101.4	57.7	46.4	42.2	217.4	182.2	146.3	81.5	68.7	56.0
75 to 84 years old	229.3	209.2	197.5	149.0	101.5	92.0	236.0	261.4	230.2	140.1	137.5	101.5
85 years old and over	466.7	438.5	431.9	391.4	268.1	228.0	271.8	379.2	404.2	214.3	235.7	222.4

<sup>1</sup> Includes persons under 15 years old, not shown separately.

## No. 123. Deaths and Death Rates From Accidents, by Type: 1970 to 1989

[See headnote, table 122; and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163-165]

TYPE OF ACCIDENT	DEATHS (number)					RATE PER 100,000 POPULATION				
	1970	1980	1985	1988	1989	1970	1980	1985	1988	1989
Accidents and adverse effects	114,638	105,718	93,457	97,100	95,028	56.4	46.7	39.1	39.5	38.3
Motor-vehicle accidents	54,633	53,172	45,901	49,078	47,575	26.9	23.5	19.2	20.0	19.2
Traffic	53,493	51,930	44,822	46,024	46,586	26.3	22.9	18.8	19.5	18.8
Nontraffic	1,140	1,242	1,079	1,054	989	0.6	0.5	0.5	0.4	0.4
Water-transport accidents	1,851	1,429	1,111	979	866	0.8	0.6	0.5	0.4	0.3
Air and space transport accidents	1,612	1,494	1,428	1,012	1,123	0.8	0.7	0.6	0.4	0.5
Railway accidents	852	632	551	571	608	0.4	0.3	0.2	0.2	0.2
Accidental falls	16,926	13,294	12,001	12,096	12,151	8.3	5.9	5.0	4.9	4.9
Fall from one level to another	4,798	3,743	3,365	3,317	3,062	2.4	1.7	1.4	1.3	1.2
Fall on the same level	828	415	411	433	476	0.4	0.2	0.2	0.2	0.2
Fracture, cause unspecified, and other unspecified falls	11,300	9,136	8,225	8,346	8,613	5.6	4.0	3.4	3.4	3.5
Accidental drowning	6,391	6,043	4,407	4,199	4,015	3.1	2.7	1.8	1.7	1.6
Accidents caused by—										
Fires and flames	6,718	5,822	4,938	4,965	4,716	3.3	2.6	2.1	2.0	1.9
Firearms	2,406	1,955	1,649	1,501	1,489	1.2	0.9	0.7	0.6	0.6
Electric current	1,140	1,095	802	714	702	0.6	0.5	0.3	0.3	0.3
Accidental poisoning by—										
Drugs and medicines	2,505	2,492	3,612	4,865	5,035	1.2	1.1	1.5	2.0	2.0
Other solid and liquid substances	1,174	597	479	488	568	0.6	0.3	0.2	0.2	0.2
Gases and vapors	1,620	1,242	1,079	873	921	0.8	0.5	0.5	0.4	0.4
Complications due to medical procedures	3,581	2,437	2,852	3,038	2,992	1.8	1.1	1.2	1.2	1.2
Inhalation and ingestion of objects	2,753	3,249	3,551	3,805	3,578	1.4	1.4	1.5	1.5	1.4

## No. 124. Suicides, by Sex and Method Used: 1970 to 1989

[Excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See also *Historical Statistics, Colonial Times to 1970*, series H 979-986]

METHOD	MALE							FEMALE						
	1970	1980	1984	1986	1987	1988	1989	1970	1980	1985	1986	1987	1988	1989
Total	16,629	20,505	23,145	24,226	24,272	24,078	24,102	6,851	6,384	6,308	6,678	6,524	6,329	6,130
Firearms <sup>1</sup>	9,704	12,937	14,809	15,518	15,539	15,656	15,680	2,068	2,459	2,554	2,635	2,597	2,513	2,498
Percent of total	58.4	63.1	64.0	64.1	64.0	65.0	65.1	30.2	38.6	40.5	39.5	39.8	39.7	40.8
Poisoning <sup>2</sup>	3,299	2,997	3,319	3,516	3,790	3,403	3,211	3,285	2,456	2,385	2,520	2,531	2,422	2,232
Hanging and strangulation <sup>3</sup>	2,422	2,997	3,532	3,761	3,478	3,588	3,708	831	694	732	845	757	787	776
Other	1,204	1,574	1,485	1,431	1,465	1,431	1,503	667	755	637	678	639	607	624

<sup>1</sup> Includes explosives in 1970. <sup>2</sup> Includes solids, liquids, and gases. <sup>3</sup> Includes suffocation. <sup>4</sup> Beginning 1980, includes explosives.

Source of tables 122-124: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

**No. 125. Suicide Rates, by Sex, Race, and Age Group: 1970 to 1989**

[See headnote, tables 117 and 122]

AGE	TOTAL <sup>1</sup>			MALE						FEMALE					
	1970	1980	1989	White			Black			1970	1980	1989	1970	1980	1989
				1970	1980	1989	1970	1980	1989						
All ages <sup>2</sup> . . . . .	11.6	11.9	12.2	18.0	19.9	21.4	8.0	10.3	12.2	7.1	5.9	5.2	2.6	2.2	2.4
10 to 14 years old. . . . .	0.6	0.8	1.4	1.1	1.4	2.2	0.3	0.5	1.7	0.3	0.3	0.7	0.4	0.1	(B)
15 to 19 years old. . . . .	5.9	8.5	11.3	9.4	15.0	19.4	4.7	5.6	10.3	2.9	3.3	4.5	2.9	1.6	2.3
20 to 24 years old. . . . .	12.2	16.1	15.3	19.3	27.8	26.8	18.7	20.0	23.7	5.7	5.9	4.3	4.9	3.1	3.4
25 to 34 years old. . . . .	14.1	18.0	15.0	19.9	25.6	24.9	19.2	21.8	22.0	9.0	7.5	5.9	5.7	4.1	3.7
35 to 44 years old. . . . .	16.9	15.4	14.6	23.3	23.5	23.8	12.6	15.6	18.1	13.0	9.1	7.1	3.7	4.6	3.9
45 to 54 years old. . . . .	20.0	15.9	14.6	29.5	24.2	24.2	13.8	12.0	10.9	13.5	10.2	8.0	3.7	2.8	3.0
55 to 64 years old. . . . .	21.4	15.9	15.5	35.0	25.8	26.6	10.6	11.7	10.4	12.3	9.1	7.9	2.0	2.3	2.5
65 years and over. . . . .	20.8	17.8	20.1	41.1	37.5	43.5	8.7	11.4	15.7	8.5	6.5	6.3	2.6	1.4	1.8
65 to 74 years over. . . . .	20.8	16.9	18.0	38.7	32.5	35.1	8.7	11.1	15.4	9.6	7.0	6.4	2.9	1.7	(B)
75 to 84 years over. . . . .	21.2	19.1	23.1	45.5	45.5	55.3	8.9	10.5	14.7	7.2	5.7	6.8	1.7	1.4	(B)
85 years and over. . . . .	19.0	19.2	22.8	45.8	52.8	71.9	8.7	18.9	(B)	5.8	5.8	6.2	-	-	(B)

- Represents or rounds to zero. B Base figure too small to meet statistical standards for reliability of a derived figure.

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Includes other age groups, not shown separately.**No. 126. Firearm Mortality Among Children, Youth, and Young Adults,****1 to 34 Years Old: 1988**[Death rate per 100,000 population. Deaths classified according to the ninth revision of the *International Classification of Diseases*]

ITEM	All ages <sup>1</sup>	Under 5 years	5 to 9 years	10 to 14 years	15 to 19 years	20 to 24 years	25 to 29 years	30 to 34 years
<b>MALE</b>								
Natural causes:								
White . . . . .	867.3	210.8	11.2	12.3	19.5	29.7	51.6	87.5
Black . . . . .	866.4	477.3	16.6	14.7	26.9	62.7	132.5	267.4
Firearms:								
White . . . . .	20.2	0.6	0.7	4.2	21.7	29.8	27.1	23.5
Black . . . . .	49.8	1.8	1.9	7.8	79.5	119.2	103.2	84.3
Accidents: White . . . . .	1.0	0.3	0.4	1.8	2.6	1.8	0.9	1.0
Black . . . . .	1.6	0.7	0.8	2.1	3.4	2.5	2.0	1.1
Suicide: White . . . . .	14.2	(X)	(X)	1.2	12.7	17.2	15.9	14.0
Black . . . . .	7.1	(X)	(X)	0.7	6.8	12.3	10.7	13.6
Homicide: White . . . . .	4.9	0.3	0.3	0.8	6.0	10.2	9.9	8.2
Black . . . . .	41.1	1.1	1.1	4.5	67.9	103.6	89.5	69.1
<b>FEMALE</b>								
Natural causes:								
White . . . . .	825.9	166.3	10.0	9.2	12.4	18.2	27.3	41.5
Black . . . . .	713.5	403.5	14.2	15.0	23.2	42.7	76.9	131.1
Firearms:								
White . . . . .	3.7	0.3	0.4	1.1	3.8	4.5	5.6	5.2
Black . . . . .	7.5	0.9	0.9	3.6	8.4	13.9	16.0	12.8
Accidents: White . . . . .	0.1	0.1	0.1	0.3	0.2	0.1	0.2	0.1
Black . . . . .	0.3	0.3	0.1	0.6	0.4	0.4	0.1	0.4
Suicide: White . . . . .	2.2	(X)	(X)	0.4	2.3	2.0	2.6	2.8
Black . . . . .	1.1	(X)	(X)	0.4	0.9	1.5	1.5	1.5
Homicide: White . . . . .	1.4	0.2	0.3	0.4	1.3	2.3	2.6	2.1
Black . . . . .	6.2	0.6	0.7	2.5	7.1	11.9	14.2	10.8

X Not applicable. <sup>1</sup> Includes 35 years old and over, not shown separately.Source: U.S. National Center for Health Statistics, *Monthly Vital Statistics Report*, Vol. 39, No. 11, and unpublished data.**No. 127. Marriages and Divorces: 1970 to 1988**[See also *Historical Statistics, Colonial Times to 1970*, series B 214-217]

YEAR	MARRIAGES <sup>1</sup>						DIVORCES AND ANNULMENTS		
	Number (1,000)	Rate per 1,000 population					Number (1,000)	Rate per 1,000 population	
		Total	Men, 15 yrs. old and over	Women 15 yrs. old and over	Unmarried women			Total	Married women 15 yrs. old and over
1970 . . . . .	2,159	10.6	31.1	28.4	76.5	140.2	708	3.5	14.9
1975 . . . . .	2,153	10.0	27.9	25.6	66.9	118.5	1,036	4.8	20.3
1980 . . . . .	2,390	10.6	28.5	26.1	61.4	102.6	1,189	5.2	22.6
1981 . . . . .	2,422	10.6	28.4	26.1	61.7	103.1	1,213	5.3	22.6
1982 . . . . .	2,456	10.6	28.4	26.1	61.4	101.9	1,170	5.0	21.7
1983 . . . . .	2,446	10.5	28.0	25.7	59.9	99.3	1,158	4.9	21.3
1984 . . . . .	2,477	10.5	28.1	25.8	59.5	99.0	1,169	5.0	21.5
1985 . . . . .	2,413	10.1	26.9	24.8	57.0	94.9	1,190	5.0	21.7
1986 . . . . .	2,407	10.0	26.5	24.5	56.2	93.9	1,178	4.9	21.2
1987 . . . . .	2,403	9.9	26.2	24.2	55.7	92.4	1,186	4.8	20.8
1988 . . . . .	2,396	9.7	25.9	23.9	54.6	91.0	1,167	4.7	20.7

<sup>1</sup> Beginning 1980, includes nonlicensed marriages registered in California.Sources of tables 125 and 127: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

# Marriages—Marriage Rates

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## No. 128. Percent Distribution of Marriages, by Marriage Order: 1970 to 1988

[Beginning 1980, excludes Iowa. Excludes marriages with marriage order not stated. See headnote, table 129.]

MARRIAGE ORDER	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
First marriage of bride and groom	68.6	56.2	54.7	54.8	54.4	54.4	54.3	53.9	53.9	54.1
First marriage of bride, remarriage of groom	7.6	11.3	11.8	11.6	11.6	11.5	11.5	11.3	11.3	11.1
Remarriage of bride, first marriage of groom	7.3	9.8	10.1	10.3	10.5	10.7	10.9	11.2	11.3	11.4
Remarriage of bride and groom	16.5	22.7	23.4	23.3	23.5	23.4	23.4	23.6	23.5	23.4

## No. 129. Percent Distribution of Marriages, by Age, Sex, and Previous Marital Status: 1980 to 1988

[Data cover marriage registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source]

SEX AND PREVIOUS MARITAL STATUS	Total	Under 20 years old	20-24 years old	25-29 years old	30-34 years old	35-44 years old	45-64 years old	65 years old and over
<b>WOMEN</b>								
All marriages:								
1980	100.0	21.1	37.1	18.7	9.3	7.8	5.0	1.0
1985	100.0	13.9	34.4	22.1	12.0	11.1	5.4	1.0
1988	100.0	11.8	31.5	24.1	13.2	12.6	5.8	1.0
First marriages: <sup>1</sup>								
1980	100.0	30.4	47.3	16.0	4.0	1.6	0.6	0.1
1985	100.0	20.8	46.3	22.4	6.9	2.8	0.6	0.1
1988	100.0	17.7	43.3	26.1	8.5	3.7	0.7	0.1
Remarriages: <sup>2,3</sup>								
1980	100.0	1.7	15.3	24.4	20.6	20.8	14.3	2.9
1985	100.0	0.9	11.1	21.6	21.9	27.1	14.6	2.9
1988	100.0	0.7	9.1	20.5	21.9	29.5	15.4	2.8
Previously divorced: <sup>4</sup>								
1980	100.0	1.7	16.7	26.7	22.5	21.6	10.0	0.6
1988	100.0	0.8	9.8	22.2	23.3	30.7	12.5	0.6
<b>MEN</b>								
All marriages:								
1980	100.0	8.5	35.7	23.8	12.3	10.5	7.4	1.8
1985	100.0	5.3	30.1	26.2	14.4	14.0	8.2	1.9
1988	100.0	4.5	26.9	27.2	15.8	15.1	8.6	1.9
First marriages: <sup>2</sup>								
1980	100.0	12.7	50.0	25.7	7.5	2.9	1.1	0.1
1985	100.0	8.1	43.4	31.5	11.0	4.7	1.1	0.1
1988	100.0	6.9	38.7	33.9	13.6	5.8	1.1	0.1
Remarriages: <sup>2,3</sup>								
1980	100.0	0.2	7.2	20.1	21.9	25.6	20.0	5.1
1985	100.0	0.1	4.9	16.0	20.6	31.6	21.6	5.2
1988	100.0	0.1	4.0	14.4	20.1	33.1	23.1	5.2
Previously divorced: <sup>4</sup>								
1980	100.0	0.2	7.7	21.7	24.1	27.7	17.3	1.4
1988	100.0	0.1	4.3	15.8	21.8	35.3	21.3	1.6

<sup>1</sup> Includes marriage order not stated. <sup>2</sup> Excludes data for Iowa. <sup>3</sup> Includes remarriages of previously widowed.  
<sup>4</sup> Excludes remarriages in Michigan, Ohio, and South Carolina.

## No. 130. Marriage Rates and Median Age of Bride and Groom, by Previous Marital Status: 1970 to 1988

[Data cover marriage registration area; see text, section 2. Beginning 1977, excludes Iowa. Figures for previously divorced and previously widowed exclude data for Michigan and Ohio for all years, for South Carolina beginning 1975, and for the District of Columbia for 1970. Based on a sample and subject to sampling variability; for details, see source. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158-159.]

YEAR	MARRIAGE RATES <sup>1</sup>						MEDIAN AGE AT MARRIAGE (years)					
	Women			Men			Women			Men		
	Single	Divorced	Widowed	Single	Divorced	Widowed	First marriage	Remarriage	First marriage	Divorced	Widowed	
1970	93.4	123.3	10.2	80.4	204.5	40.6	20.6	30.1	51.2	22.5	34.5	58.7
1975	75.9	117.2	8.3	61.5	189.8	40.4	20.8	30.2	52.4	22.7	33.6	59.4
1977	69.2	107.3	7.6	56.7	173.4	35.3	21.1	30.2	53.1	23.0	33.6	60.1
1978	68.2	105.0	7.1	56.4	168.6	32.7	21.4	30.5	52.6	23.2	33.8	59.7
1979	67.8	104.0	7.7	56.3	165.6	35.3	21.6	30.8	55.2	23.4	33.9	61.7
1980	66.0	91.3	6.7	54.7	142.1	32.2	21.8	31.0	53.6	23.6	34.0	61.2
1981	64.9	96.3	6.5	53.8	150.8	30.8	22.0	31.2	53.6	23.9	34.4	61.0
1982	66.0	94.4	6.1	53.1	146.9	32.1	22.3	31.6	54.1	24.1	34.9	61.7
1983	63.8	91.6	6.2	51.8	142.1	30.7	22.5	32.0	54.0	24.4	35.3	62.0
1984	63.5	87.3	5.8	51.6	132.7	28.7	22.8	32.5	54.2	24.6	35.9	62.4
1985	61.5	81.8	5.7	50.1	121.6	27.7	23.0	32.8	54.6	24.8	36.1	62.7
1986	59.7	79.5	5.5	49.1	117.8	26.8	23.3	33.1	54.3	25.1	36.6	62.9
1987	58.9	80.7	5.4	48.8	115.7	26.1	23.6	33.3	53.9	25.3	36.7	62.8
1988	58.4	78.6	5.3	48.3	109.7	25.1	23.7	33.6	53.9	25.5	37.0	63.0

<sup>1</sup> Rate per 1,000 population 15 years old and over in specified group.

Source of tables 128-130: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

**No. 131. First Marriage Dissolution and Years Until Remarriage for Women, by Race and Hispanic Origin: 1988**

[For women 15 to 44 years old. Based on 1988 National Survey of Family Growth; see appendix III. Marriage dissolution includes death of spouse, separation because of marital discord, and divorce]

ITEM	Number (1,000)	YEARS UNTIL REMARRIAGE (cumulative percent)					
		All	1	2	3	4	5
<b>ALL RACES<sup>1</sup></b>							
Year of dissolution of first marriage:							
All years	11,577	56.8	20.6	32.8	40.7	46.2	49.7
1980-84	3,504	47.5	16.3	28.1	36.4	41.1	45.4
1975-79	3,235	65.3	21.9	36.0	44.7	52.7	55.4
1970-74	1,887	83.2	24.9	38.6	47.9	56.4	61.2
1965-69	1,013	89.9	32.6	48.7	60.2	65.0	72.8
<b>WHITE</b>							
Year of dissolution of first marriage:							
All years	10,103	59.9	21.9	35.2	43.5	49.4	53.0
1980-84	3,030	51.4	18.2	31.1	40.3	45.2	49.8
1975-79	2,839	69.5	23.2	38.5	46.9	55.6	58.4
1970-74	1,822	87.5	24.9	39.8	49.8	59.3	64.3
1965-69	893	91.0	34.7	52.3	64.9	69.3	76.9
<b>BLACK</b>							
Year of dissolution of first marriage:							
All years	1,166	34.0	10.9	16.5	19.6	22.7	25.0
1980-84	380	19.7	34.7	310.6	312.9	314.8	314.8
1975-79	301	32.3	311.4	315.6	318.5	322.2	34.9
1970-74	227	59.0	22.3	29.4	35.3	38.7	42.8
1965-69	98	81.2	320.9	327.3	331.3	40.8	52.1
Hispanic, <sup>4</sup> all years	942	44.7	12.5	16.6	22.7	27.8	29.9

<sup>1</sup> Includes other races. <sup>2</sup> The percent having remarried is biased downward because the women had not completed the indicated number of years since dissolution of first marriage at the time of the survey. <sup>3</sup> Figure does not meet standard of reliability or precision. <sup>4</sup> Hispanic persons may be of any race.

Source: National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 194.

**No. 132. Divorces and Annulments—Median Duration of Marriage, Median Age at Divorce, and Children Involved: 1970 to 1988**

[Data cover divorce-registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source. Median age computed on data by single years of age. See also *Historical Statistics, Colonial Times to 1970*, series B 218]

DURATION OF MARRIAGE, AGE AT DIVORCE, AND CHILDREN INVOLVED	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
Median duration of marriage (years)	6.7	6.5	6.8	7.0	7.0	7.0	6.9	6.8	6.9	7.0	7.1
Median age at divorce:											
Men (years)	32.9	32.2	32.7	33.1	33.6	34.0	34.3	34.4	34.6	34.9	35.1
Women (years)	29.8	29.5	30.3	30.6	31.1	31.5	31.7	31.9	32.1	32.5	32.6
Estimated number of children involved											
in divorce (1,000)	870	1,123	1,174	1,180	1,108	1,091	1,081	1,091	1,064	1,038	1,044
Avg. number of children per decree	1.22	1.08	0.98	0.97	0.94	0.94	0.92	0.92	0.90	0.89	0.89
Rate per 1,000 children under 18 years of age	12.5	16.7	17.3	18.7	17.6	17.4	17.2	17.3	16.8	16.3	16.4

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, *Monthly Vital Statistics Report*, and unpublished data.

**No. 133. Cohabitation of Women, 15-44 Years Old, by Race and Hispanic Origin: 1988**

[In percent, except where indicated. Based on the 1988 National Survey of Family Growth; see Appendix III. Cohabitation: not married but living with a partner or boyfriend]

ITEM	Total <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
<b>ALL WOMEN</b>				
Number (1,000)	57,900	47,077	7,879	5,557
Ever married	63.6	66.8	47.1	62.1
Marital status:				
Married	50.3	54.0	28.6	45.2
Cohabiting <sup>3</sup>	5.2	5.4	4.6	6.9
Single:				
Never married	33.3	30.0	49.9	33.8
Separated	2.8	2.2	6.5	5.3
Divorced	7.8	7.7	9.5	7.8
Widowed	0.7	0.6	1.0	0.9
Occurrence of cohabitation:				
Cohabited before first marriage <sup>4</sup>	25.4	26.0	29.3	25.5
Ever cohabited <sup>5</sup>	33.5	33.6	35.0	32.9
Outcome of first cohabitation:				
Intact cohabitation	10.0	10.3	9.2	12.6
Marriage	52.8	54.4	42.1	48.6
Intact	39.7	41.7	26.5	37.3
Dissolved	13.1	12.7	15.6	11.3
Dissolved cohabitation	37.2	35.3	48.7	38.8
<b>WOMEN EVER-MARRIED</b>				
Number (1,000)	36,842	31,465	3,614	3,452
Cohabited with first husband before marriage	25.7	24.9	31.7	24.0
Ever cohabited	39.9	39.5	45.6	37.1

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Includes women who are separated, divorced, and widowed. <sup>4</sup> Includes women who had cohabited but had not married. <sup>5</sup> Includes women who cohabited sometime after their first marriage ended.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 194, and unpublished data.

# Marriages and Divorces

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## No. 134. Marriages and Divorces—Number and Rate, by State: 1980 to 1990

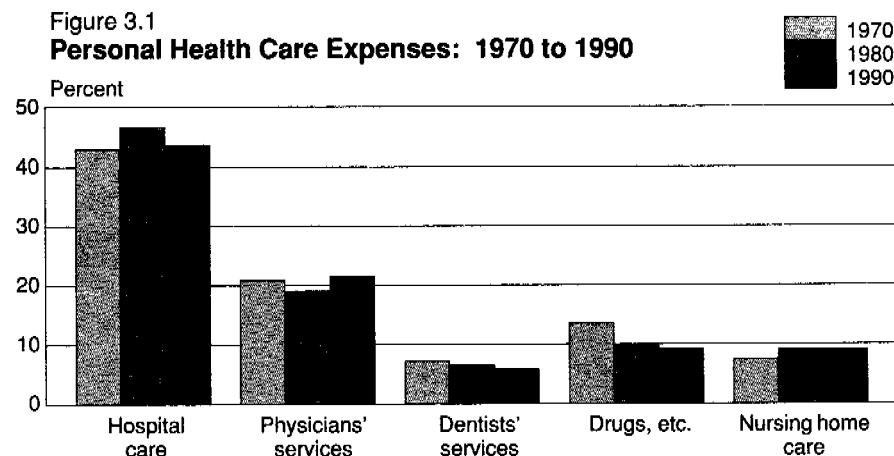
[By place of occurrence]

REGION, DIVISION, AND STATE	MARRIAGES <sup>1</sup>						DIVORCES <sup>3</sup>					
	Number (1,000)			Rate per 1,000 population <sup>2</sup>			Number (1,000)			Rate per 1,000 population <sup>2</sup>		
	1980	1985	1990, prel.	1980	1985	1990, prel.	1980	1985	1990, prel.	1980	1985	1990, prel.
U.S. . . . .	2,390.3	2,412.6	<sup>4</sup> 2,448.0	10.6	10.1	<sup>4</sup> 9.8	1,189.0	<sup>5</sup> 1,190.0	<sup>5</sup> 1,175.0	5.2	<sup>5</sup> 5.0	<sup>5</sup> 4.7
New England . . . . .	106.3	114.3	112.2	8.6	9.0	8.5	49.0	49.9	44.0	4.0	3.9	3.4
Maine . . . . .	12.0	12.2	11.8	10.7	10.5	9.5	6.2	6.1	5.3	5.5	5.2	4.3
New Hampshire . . . . .	9.3	11.4	10.6	10.0	11.4	9.4	5.3	4.9	5.3	5.7	4.9	4.7
Vermont . . . . .	5.2	5.5	6.1	10.2	10.4	10.7	2.6	2.4	2.6	5.1	4.4	4.5
Massachusetts . . . . .	46.3	49.8	47.6	8.1	8.6	8.1	17.9	21.6	16.8	3.1	3.7	2.8
Rhode Island . . . . .	7.5	8.0	8.1	7.9	8.3	8.1	3.6	3.7	3.8	3.8	3.8	3.7
Connecticut . . . . .	26.0	27.3	27.8	8.4	8.6	8.6	13.5	11.2	10.3	4.3	3.5	3.2
Middle Atlantic . . . . .	294.0	314.3	314.1	8.0	8.5	8.3	124.7	137.1	121.6	3.4	3.7	3.2
New York . . . . .	144.5	164.0	169.3	8.2	9.2	9.4	62.0	67.6	57.9	3.5	3.8	3.2
New Jersey . . . . .	55.8	61.2	58.0	7.6	8.1	7.5	27.8	29.3	23.6	3.8	3.9	3.0
Pennsylvania . . . . .	93.7	89.1	86.8	7.9	7.5	7.2	34.9	40.2	40.1	2.9	3.4	3.3
East North Central . . . . .	395.5	<sup>6</sup> 362.2	<sup>7</sup> 267.4	9.5	<sup>6</sup> 8.7	<sup>7</sup> 8.7	212.4	<sup>7</sup> 192.6	<sup>7</sup> 109.0	5.1	<sup>6</sup> 4.6	<sup>7</sup> 4.3
Ohio . . . . .	99.8	94.4	95.8	9.2	8.8	8.7	58.8	<sup>6</sup> 53.0	51.0	5.4	<sup>6</sup> 4.9	4.7
Indiana . . . . .	57.9	51.1	54.3	10.5	9.3	9.6	<sup>8</sup> 40.0	<sup>8</sup> 35.3	(NA)	<sup>8</sup> 7.3	<sup>6</sup> 6.4	(NA)
Illinois . . . . .	109.8	97.7	(NA)	9.6	8.5	(NA)	51.0	48.9	(NA)	4.5	4.2	(NA)
Michigan . . . . .	86.9	79.0	76.1	9.4	8.7	8.2	45.0	38.8	40.2	4.9	4.3	4.3
Wisconsin . . . . .	41.1	40.0	41.2	8.7	8.4	8.4	17.5	16.6	17.8	3.7	3.5	3.6
West North Central . . . . .	173.7	158.3	156.1	10.1	9.0	8.7	79.6	74.3	76.9	4.6	4.2	4.3
Minnesota . . . . .	37.6	35.1	33.7	9.2	8.4	7.7	15.4	14.8	15.4	3.8	3.5	3.5
Iowa . . . . .	27.5	24.6	24.8	9.4	8.5	8.7	11.9	10.5	11.1	4.1	3.7	3.9
Missouri . . . . .	54.6	49.5	49.3	11.1	9.8	9.5	27.6	25.0	26.4	5.6	5.0	5.1
North Dakota . . . . .	6.1	5.4	4.8	9.3	7.9	7.3	2.1	2.3	2.3	3.3	3.4	3.6
South Dakota . . . . .	8.8	7.8	7.7	12.7	11.0	10.8	2.8	2.6	2.6	4.1	3.6	3.7
Nebraska . . . . .	14.2	12.7	12.5	9.1	7.9	7.7	6.4	6.4	6.5	4.1	4.0	4.0
Kansas . . . . .	24.8	23.3	23.4	10.5	9.5	9.2	13.4	12.8	12.6	5.7	5.2	5.0
South Atlantic . . . . .	413.1	438.8	455.4	11.2	<sup>10</sup> 9.9	10.4	206.3	<sup>210.5</sup>	<sup>226.6</sup>	5.6	5.2	5.2
Delaware . . . . .	4.4	5.4	5.6	7.5	8.6	8.2	2.3	3.0	3.0	3.9	4.8	4.4
Maryland . . . . .	46.3	46.1	46.1	11.0	10.5	9.7	17.5	16.2	16.1	4.1	3.7	3.4
Dist. of Columbia . . . . .	5.2	5.0	4.7	8.1	8.1	7.9	4.7	2.7	3.3	7.3	4.3	5.5
Virginia . . . . .	60.2	66.5	71.3	11.3	11.7	11.5	23.6	24.1	27.3	4.4	4.2	4.4
West Virginia . . . . .	17.4	14.8	13.2	8.9	7.5	7.2	10.3	9.9	9.7	5.3	5.1	5.3
North Carolina . . . . .	46.7	50.5	52.1	7.9	8.1	7.8	28.1	30.2	34.0	4.8	4.8	5.1
South Carolina . . . . .	53.9	52.8	55.8	17.3	15.8	15.7	13.6	13.5	16.1	4.4	4.0	4.5
Georgia . . . . .	70.6	72.3	64.4	12.9	12.1	9.8	34.7	33.4	35.7	6.4	5.6	5.5
Florida . . . . .	108.3	125.5	142.3	11.1	11.0	10.9	7.1	7.7	81.7	7.3	6.8	6.3
East South Central . . . . .	<sup>6</sup> 158.8	<sup>171.8</sup>	<sup>185.5</sup>	<sup>6</sup> 11.5	<sup>11.4</sup>	<sup>12.0</sup>	<sup>87.5</sup>	<sup>86.2</sup>	<sup>93.8</sup>	<sup>6</sup> 6.0	<sup>5.7</sup>	<sup>6</sup> 1.1
Kentucky . . . . .	<sup>6</sup> 32.7	46.0	51.3	<sup>8</sup> 9	12.3	13.8	<sup>6</sup> 16.7	<sup>18.3</sup>	21.8	<sup>4</sup> 6.6	4.9	5.8
Tennessee . . . . .	59.2	55.0	66.6	12.9	11.5	13.4	30.2	29.9	32.3	6.6	6.3	6.5
Alabama . . . . .	49.0	46.1	43.3	12.6	11.5	10.5	26.7	25.0	25.3	6.9	6.2	6.1
Mississippi . . . . .	27.9	24.8	24.3	11.1	9.5	9.3	13.8	<sup>6</sup> 13.0	14.4	<sup>6</sup> 5.0	5.5	5.5
West South Central . . . . .	<sup>298.2</sup>	<sup>308.6</sup>	<sup>292.9</sup>	<sup>12.6</sup>	<sup>11.6</sup>	<sup>10.8</sup>	<sup>155.0</sup>	<sup>160.9</sup>	<sup>136.8</sup>	<sup>6</sup> 5.5	(NA)	<sup>7</sup> 6.0
Arkansas . . . . .	26.5	31.7	35.7	11.6	13.4	14.8	<sup>15.9</sup>	<sup>16.5</sup>	<sup>16.8</sup>	<sup>6</sup> 9.7	7.0	6.9
Louisiana . . . . .	43.5	39.4	41.2	10.3	8.8	9.4	<sup>18.1</sup>	<sup>17.6</sup>	(NA)	<sup>6</sup> 4.3	(NA)	(NA)
Oklahoma . . . . .	46.5	35.9	33.2	15.4	10.9	10.3	24.2	26.4	24.9	8.0	8.0	7.7
Texas . . . . .	181.8	201.6	182.8	12.8	12.3	10.7	9.6	100.4	95.1	6.8	6.1	5.5
Mountain . . . . .	<sup>241.7</sup>	<sup>233.7</sup>	<sup>7</sup> 127.8	<sup>21.3</sup>	<sup>18.3</sup>	<sup>10.2</sup>	<sup>86.1</sup>	<sup>89.9</sup>	<sup>87.0</sup>	<sup>7</sup> 6.8	<sup>7</sup> 0.0	<sup>6</sup> 3.3
Montana . . . . .	8.3	7.2	7.0	10.6	8.7	8.7	4.9	4.3	4.1	6.3	5.2	5.1
Idaho . . . . .	13.4	12.3	15.0	14.2	12.2	14.6	6.6	6.2	6.6	7.0	6.2	6.5
Wyoming . . . . .	6.9	5.4	4.8	14.6	10.6	10.3	4.0	3.8	3.1	8.5	7.5	6.6
Colorado . . . . .	34.9	<sup>33.6</sup>	31.5	12.1	10.4	9.4	18.6	<sup>19.2</sup>	18.4	6.4	5.9	5.5
New Mexico . . . . .	16.6	<sup>15.5</sup>	13.2	12.8	<sup>10.7</sup>	8.5	10.4	<sup>10.3</sup>	7.7	8.0	<sup>10</sup> 9.1	4.9
Arizona . . . . .	30.2	35.7	37.0	11.1	11.2	10.2	19.9	21.2	25.1	7.3	6.6	6.9
Utah . . . . .	17.0	17.5	19.0	11.6	10.6	11.0	7.6	8.8	8.8	5.3	5.3	5.1
Nevada . . . . .	114.3	106.5	(NA)	142.8	113.7	(NA)	13.8	13.3	13.3	17.3	14.2	11.4
Pacific . . . . .	<sup>298.8</sup>	<sup>310.6</sup>	<sup>334.4</sup>	<sup>9.4</sup>	<sup>8.9</sup>	<sup>8.5</sup>	<sup>187.9</sup>	<sup>188.5</sup>	<sup>7</sup> 52.7	<sup>5.9</sup>	<sup>5.4</sup>	<sup>5</sup> 6.6
Washington . . . . .	47.7	43.8	48.6	11.6	9.9	10.0	26.6	26.3	28.8	6.9	6.0	5.9
Oregon . . . . .	23.0	22.4	25.2	8.7	8.3	8.8	17.8	15.7	15.9	6.7	5.9	5.5
California . . . . .	210.9	222.8	236.7	8.9	8.5	7.9	133.5	<sup>12</sup> 137.5	(NA)	5.6	<sup>12</sup> 5.2	(NA)
Alaska . . . . .	5.4	6.2	5.7	13.3	11.8	10.8	3.5	4.0	2.9	8.8	7.7	5.5
Hawaii . . . . .	11.9	15.4	18.1	12.3	14.7	16.1	4.4	4.9	5.2	4.6	4.6	4.6

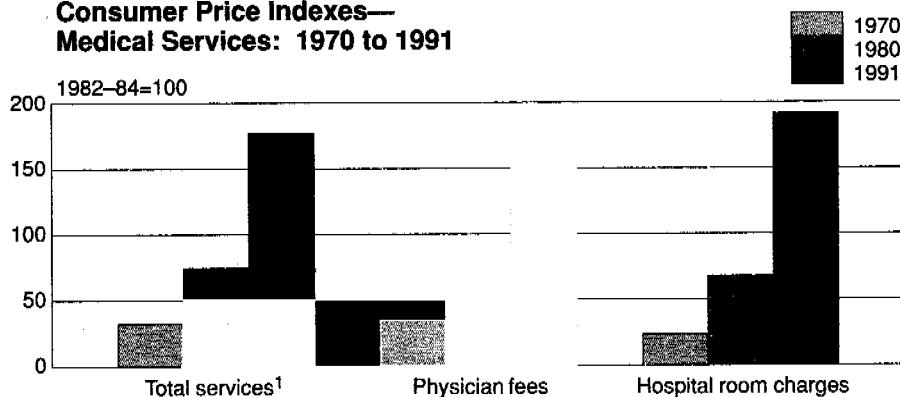
NA Not available. <sup>1</sup> Data are counts of marriages performed, except as noted. <sup>2</sup> Based on total population residing in area; population enumerated as of April 1 for 1980; estimated as of July 1 for all other years. <sup>3</sup> Includes annulments. <sup>4</sup> Estimate for United States is based on monthly reports adjusted for observed differences from final monthly figures. State figures are not adjusted in this manner. <sup>5</sup> Estimated. <sup>6</sup> Data are incomplete. <sup>7</sup> Excludes figures for States shown below as not available. <sup>8</sup> Preliminary health forms issued. <sup>9</sup> Excludes divorce petitions filed for some counties. <sup>10</sup> Divorce petitions filed. <sup>11</sup> Marriage data include nonlicensed marriages registered. <sup>12</sup> Data include legal separations.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Reports*.

**Figure 3.1  
Personal Health Care Expenses: 1970 to 1990**

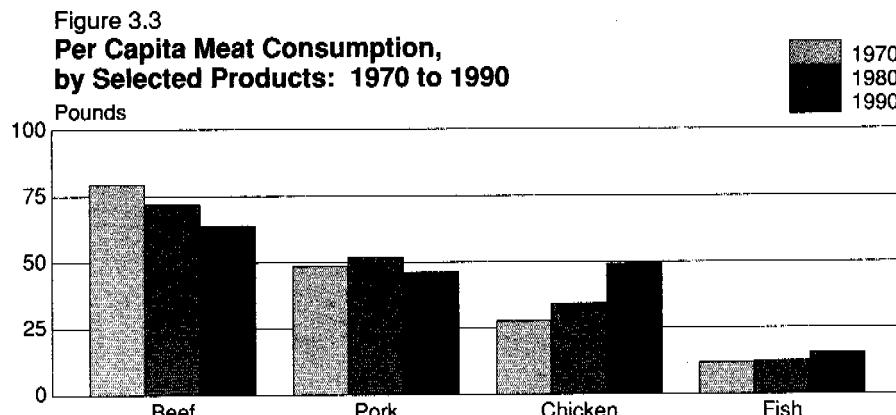


**Figure 3.2  
Consumer Price Indexes—  
Medical Services: 1970 to 1991**



<sup>1</sup>Includes other medical care services.

**Figure 3.3  
Per Capita Meat Consumption,  
by Selected Products: 1970 to 1990**



Source: Charts prepared by U.S. Bureau of the Census.  
For figure 3.1 data, see table 137; figure 3.2 data, see table 151; figure 3.3 data, see table 205.

## Health and Nutrition

This section presents statistics on health expenditures and insurance coverage, including Medicare and Medicaid; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and prevalence of chronic conditions; nutritional intake of the population; and food consumption. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States*. Data on national health expenditures, medical costs, and insurance coverage are compiled by the U.S. Health Care Financing Administration (HCFA) and appear in the quarterly *Health Care Financing Review* and in the *Annual Medicare Program Statistics* series. Statistics on health insurance are also collected by NCHS and are published in series 10 of *Vital and Health Statistics*. The Census Bureau also publishes data on insurance coverage in *Current Population Reports*, series P-70. Statistics on health facilities are collected by NCHS and are published in series 14 of *Vital and Health Statistics*. Statistics on hospitals are published annually by the American Hospital Association, Chicago, IL, in *Hospital Statistics*. Primary sources for data on nutrition are the quarterly *National Food Review* and the annual *Food Consumption, Prices, and Expenditures*, both issued by the U.S. Department of Agriculture. NCHS also conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

**National health expenditures.**—HCFA compiles estimates of national health expenditures (NHE) to measure spending for health care in the United States. With the publication of the 1988 estimates, major revisions to the NHE back to 1960 have been incorporated into the accounts. The NHE accounts are structured to show spending by type of expenditure (i.e., hospital care, physician care, dental care, and other professional care; home health; drugs and other medical nondurables; vision products and other medical durables; nursing home care and other personal health expenditures; plus nonpersonal health expenditures for such items as public health, research, construction of medical

### In Brief

In 1990:

34 million with no health insurance.

Hospital surgeries—

percent outpatient:

1980	16
1990	51

Per capita consumption of chicken:

1980	34 pounds
1990	49 pounds

facilities, and administration) and by source of funding (e.g., private health insurance, out-of-pocket payments, and a range of public programs including Medicare, Medicaid, and those operated by the Department of Veterans Affairs (VA)).

In all cases except private insurance (HCFA conducts its own survey of part of the health insurance industry), data used to estimate health expenditures come from existing sources which are tabulated for other purposes. The type of expenditure estimates rely upon statistics produced by such groups as the American Hospital Association, the Internal Revenue Service, the Department of Commerce, and the Department of Health and Human Services (HHS). Source of funding estimates are constructed using administrative and statistical records from the Medicare and Medicaid programs, the Department of Defense and VA medical programs, the Social Security Administration, Census Bureau's *Governmental Finances*, State and local governments, other HHS agencies, and other nongovernment sources. Detailed descriptions of sources and methods, along with the most recent analysis of health care expenditure estimates, are published in the *Health Care Financing Review*'s annual article on national health expenditures.

**Medicare and Medicaid.**—Since July 1966, the Federal Medicare program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a

voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Such insurance also applies, since July 1973, to disabled beneficiaries of any age after 24 months of entitlement to cash benefits under the social security or railroad retirement programs and to persons with end stage renal disease.

Under Medicaid, all States (except Arizona) offer basic health services to certain very poor people: Individuals who are pregnant, aged, disabled or blind, and families with dependent children. Medicaid eligibility is automatic for almost all cash welfare recipients in these States. Thirty-one States also extend Medicaid to certain other persons who qualify, except for incomes above regular eligibility levels; those persons include those who have medical expenses which, when subtracted from their income, spend down to a State "medically needy" level or those who meet the higher "medically needy" income restrictions. Within Federal guidelines, each State determines its own Medicaid eligibility criteria and the health services to be provided under Medicaid. The cost of providing Medicaid services is jointly shared by the Federal Government and the States.

**Health resources.**—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics*, and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. The criteria are published in *Vital and Health Statistics* reports, series 13. NCHS defines a hospital as a non-Federal short-term general or special facility with six or more inpatient beds with an average stay of less than 60 days.

Statistics on the demographic characteristics of persons employed in the health occupations are compiled by the U.S. Bureau of Labor Statistics and reported

in *Employment and Earnings* (monthly) (see table 629, section 13). Data based on surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, and hospital care are presented in NCHS series 13 and series 14, *Data on Health Resources Utilization* and *Data on Health Resources: Manpower and Facilities*. Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *National Health Interview Survey Data*.

The HCFA's *Health Care Financing Review* and *Health Care Financing Program Statistics* present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Medicare program and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in *Mental Health, U.S.*, the *Mental Health Statistics* reports, (series CN), and the Mental Health Statistical Note series.

**Disability and illness.**—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological testing are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics*, series 10 and 11, respectively. The Department of Labor compiles statistics on industrial injuries (see section 13). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report*. The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

**Nutrition.**—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published quarterly in *National Food Review*. Historical data can

be found in *Food Consumption, Prices, and Expenditures*, issued annually.

**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of reliability applicable to data from NCHS

and HCFA, see Appendix III.

**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix IV.

### No. 135. National Health Expenditures: 1960 to 1990

[Includes Puerto Rico and outlying areas]

YEAR	TOTAL <sup>1</sup>			HEALTH SERVICES AND SUPPLIES						
	Total (bil.dol.)	Per capita (dol.)	Percent of GNP <sup>2</sup>	Private			Public			
				Out-of-pocket payments		Insur- ance pre- miums <sup>4</sup> (bil.dol.)	Total (bil.dol.)	Medi- care (bil. dol.)	Public assis- tance (bil. dol.)	
				Total <sup>3</sup> (bil.dol.)	Percent of total private					
1960 .....	27.1	143	5.3	19.8	13.3	67.5	5.9	5.7	—	0.5
1965 .....	41.6	204	5.9	29.9	19.0	63.7	10.0	8.3	—	1.7
1970 .....	74.4	346	7.3	44.1	25.6	58.0	16.7	24.9	7.6	6.3
1971 .....	82.3	379	7.5	48.2	27.1	56.2	19.1	28.2	8.5	7.7
1972 .....	92.3	421	7.6	54.0	29.8	55.2	21.9	31.8	9.3	8.9
1973 .....	102.5	464	7.5	59.9	32.9	54.8	24.6	35.9	10.7	10.2
1974 .....	116.1	521	7.9	66.1	35.6	53.8	27.8	42.8	13.5	11.9
1975 .....	132.9	592	8.3	74.5	38.5	51.8	32.9	50.2	16.4	14.5
1976 .....	152.2	672	8.5	86.3	42.5	49.2	39.7	56.9	19.8	16.4
1977 .....	172.0	753	8.6	98.6	46.3	46.9	47.8	64.6	22.8	18.8
1978 .....	193.7	839	8.6	110.4	50.2	45.5	55.0	73.6	26.8	20.9
1979 .....	217.2	932	8.7	123.2	54.1	43.9	63.2	84.1	31.1	24.0
1980 .....	250.1	1,063	9.2	140.7	59.5	42.3	73.4	98.1	37.5	28.0
1981 .....	290.2	1,221	9.5	163.3	67.2	41.1	86.9	114.2	45.2	32.6
1982 .....	326.1	1,358	10.3	185.2	74.2	40.1	100.5	127.0	52.6	34.5
1983 .....	358.6	1,479	10.5	204.1	81.4	39.9	111.4	139.5	59.9	37.9
1984 .....	389.6	1,592	10.3	223.3	87.7	39.3	123.7	150.8	65.9	40.7
1985 .....	422.6	1,710	10.5	241.9	94.4	39.0	134.1	165.4	72.2	44.6
1986 .....	454.8	1,822	10.7	258.5	100.9	39.0	143.2	180.3	77.4	48.3
1987 .....	494.1	1,961	10.9	279.1	108.8	39.0	154.8	197.7	83.4	53.9
1988 .....	546.0	2,146	11.2	311.0	119.3	38.4	174.4	215.1	90.5	58.2
1989 .....	602.8	2,346	11.6	342.1	126.1	36.9	196.4	240.0	102.6	65.9
1990 .....	666.2	2,566	12.2	374.8	136.1	36.3	216.8	268.6	111.2	79.4

— Represents zero. <sup>1</sup> Includes medical research and medical facilities construction. <sup>2</sup> GNP=Gross national product; see table 676. <sup>3</sup> Includes other sources of funds not shown separately. <sup>4</sup> See footnote 2, table 136.

Source: U. S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 136. National Health Expenditures, by Type: 1970 to 1990**

[In millions of dollars, except percent. Includes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 248-261]

TYPE OF EXPENDITURE	1970	1980	1984	1985	1986	1987	1988	1989	1990
<b>Total</b>	<b>74,377</b>	<b>250,126</b>	<b>389,637</b>	<b>422,619</b>	<b>454,814</b>	<b>494,098</b>	<b>546,014</b>	<b>602,792</b>	<b>666,187</b>
Average annual percent change <sup>1</sup>	12.3	13.5	8.7	8.5	7.6	8.6	10.5	10.4	10.5
<b>Private expenditures</b>	<b>46,703</b>	<b>144,966</b>	<b>230,025</b>	<b>247,851</b>	<b>264,586</b>	<b>285,734</b>	<b>318,874</b>	<b>350,237</b>	<b>383,567</b>
Health services and supplies	44,148	140,736	223,344	241,863	258,544	279,080	311,038	342,055	374,758
Out-of-pocket payments	25,606	59,500	87,711	94,390	100,913	108,823	119,293	126,087	136,108
Insurance premiums <sup>2</sup>	16,743	73,407	123,744	134,060	143,167	154,760	174,426	196,418	216,828
Other	1,798	7,829	11,889	13,413	14,464	15,497	17,318	19,550	21,822
Medical research	215	274	493	501	714	725	744	779	827
Medical facilities construction	2,341	3,956	6,188	5,488	5,328	5,929	7,094	7,402	7,982
<b>Public expenditures</b>	<b>27,674</b>	<b>105,159</b>	<b>159,612</b>	<b>174,768</b>	<b>190,228</b>	<b>208,364</b>	<b>227,140</b>	<b>252,555</b>	<b>282,620</b>
Percent Federal of public	64.1	68.4	70.6	70.7	69.9	69.1	69.0	69.3	69.1
Health services and supplies	24,906	98,114	150,836	165,361	180,311	197,745	215,133	240,045	268,623
Medicare <sup>3</sup>	7,633	37,533	65,917	72,161	77,383	83,402	90,525	102,590	111,195
Public assistance medical payments <sup>4</sup>	6,310	28,007	40,721	44,585	46,276	53,870	58,185	65,908	79,358
Temporary disability insurance <sup>5</sup>	66	52	55	51	55	57	62	67	72
Workers' compensation (medical) <sup>5</sup>	1,409	5,177	6,971	8,036	9,069	10,757	12,353	13,935	15,553
Defense Dept. hospital, medical	1,784	4,346	6,624	7,634	8,427	9,303	9,766	10,404	11,513
Maternal, child health programs	425	892	1,103	1,262	1,434	1,607	1,694	1,814	1,913
Public health activities	1,385	7,219	10,794	12,306	13,486	14,600	16,571	18,293	19,318
Veterans' hospital, medical care	1,764	5,934	8,382	8,613	9,087	9,620	10,011	10,647	11,390
Medical vocational rehabilitation	158	298	385	401	425	468	500	525	555
State and local hospitals <sup>6</sup>	3,173	5,589	6,717	7,030	9,119	10,336	11,443	12,093	13,012
Other	803	3,067	3,169	3,282	3,550	3,725	4,024	3,768	4,742
Medical research	1,741	5,170	6,626	7,294	7,826	8,304	9,596	10,268	11,537
Medical facilities construction	1,025	1,875	2,148	2,112	2,092	2,315	2,411	2,242	2,460

<sup>1</sup> Change from prior year shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Covers insurance benefits and amounts retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). <sup>3</sup> Represents expenditures for benefits and administrative costs from Federal hospital and medical insurance trust funds under old-age, survivors, disability, and health insurance programs; see text, section 12. <sup>4</sup> Payments made directly to suppliers of medical care (primarily Medicaid). <sup>5</sup> Includes medical benefits paid under public law by private insurance carriers and self-insureds. <sup>6</sup> Expenditures not offset by other revenues. <sup>7</sup> Covers expenditures for Alcohol, Drug Abuse, and Mental Health Administration; Indian Health Service; school health and other programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 137. National Health Expenditures, by Object: 1970 to 1990**

[See headnote, table 136. See also *Historical Statistics, Colonial Times to 1970*, series B 221-235]

OBJECT OF EXPENDITURE	EXPENDITURE (bil.dol.)							PERCENT		
	1970	1980	1985	1987	1988	1989	1990	1970	1980	1990
<b>Total</b>	<b>74.4</b>	<b>250.1</b>	<b>422.6</b>	<b>494.1</b>	<b>546.0</b>	<b>602.8</b>	<b>666.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Spent by—										
Consumers	42.3	132.9	228.5	263.6	293.7	322.5	352.9	56.9	53.1	53.0
Government	27.7	105.2	174.8	208.4	227.1	252.6	282.6	37.2	42.0	42.4
Other <sup>1</sup>	4.4	12.1	19.4	22.2	25.2	27.7	30.8	5.9	4.8	4.6
Spent for—										
Health services and supplies	69.1	238.9	407.2	476.8	526.2	582.1	643.4	92.8	95.5	96.6
Personal health care expenses	64.9	219.4	369.7	439.3	482.8	529.9	585.3	87.3	87.7	87.9
Hospital care	27.9	102.4	168.3	194.2	212.0	232.6	256.0	37.6	40.9	38.4
Physicians' services	13.6	41.9	74.0	93.0	105.1	113.6	125.7	18.3	16.7	18.9
Dentists' services	4.7	14.4	23.3	27.1	29.4	31.6	34.0	6.3	5.7	5.1
Other professional services <sup>2</sup>	1.5	8.7	16.6	21.1	23.8	27.1	31.6	2.0	3.5	4.7
Home health care	0.1	1.3	3.8	4.1	4.5	5.6	6.9	0.2	0.5	1.0
Drugs/other medical nondurables	8.8	21.6	36.2	43.2	46.3	50.6	54.6	11.8	8.6	8.2
Vision products/other med. durables <sup>3</sup>	2.0	4.6	7.1	9.1	10.1	11.4	12.1	2.7	1.8	1.8
Nursing home care	4.9	20.0	34.1	39.7	42.8	47.7	53.1	6.5	8.0	8.0
Other health services	1.4	4.6	6.4	7.8	8.7	9.7	11.3	1.8	1.8	1.7
Net cost of insurance and admin. <sup>4</sup>	2.8	12.2	25.2	22.9	26.8	33.9	38.7	3.7	4.9	5.8
Government public health activities	1.4	7.2	12.3	14.6	16.6	18.3	19.3	1.9	2.9	2.9
Medical research	2.0	5.4	7.8	9.0	10.3	11.0	12.4	2.6	2.2	1.9
Medical facilities construction	3.4	5.8	7.6	8.2	9.5	9.6	10.4	4.5	2.3	1.6

<sup>1</sup> Includes nonpatient revenues, privately funded construction, and industrial implant. <sup>2</sup> Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, optometrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. <sup>3</sup> Includes expenditures for eyeglasses, hearing aids, orthopedic appliances, artificial limbs, crutches, wheelchairs, etc. <sup>4</sup> Includes administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 138. Health Services and Supplies—Per Capita National and Private Consumer Expenditures, by Object: 1970 to 1990**

[In dollars, except percent. Based on Social Security Administration estimates of total U.S. population as of July 1, including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222-232]

OBJECT OF EXPENDITURE	1970	1975	1980	1984	1985	1986	1987	1988	1989	1990
<b>Total, national</b>	<b>321</b>	<b>555</b>	<b>1,015</b>	<b>1,529</b>	<b>1,648</b>	<b>1,759</b>	<b>1,892</b>	<b>2,068</b>	<b>2,265</b>	<b>2,479</b>
Average annual percent change <sup>1</sup>	11.4	11.5	14.1	7.9	7.8	6.7	7.6	9.3	9.5	9.4
Hospital care	130	233	435	643	681	720	771	833	905	986
Physicians' services	63	104	178	274	299	329	369	413	442	484
Dentists' services	22	37	61	87	94	99	108	116	123	131
Other professional services <sup>2</sup>	7	16	37	61	67	75	84	93	105	122
Home health care	1	2	6	14	16	16	16	18	22	27
Drugs and other medical nondurables	41	58	92	137	146	159	171	182	197	210
Vision products and other medical durables <sup>2</sup>	9	14	19	25	29	32	36	40	45	47
Nursing home care	23	44	85	127	138	147	157	168	186	205
Other health services	6	12	19	24	26	28	31	34	38	44
Net cost of insurance and administration <sup>2</sup>	13	23	52	90	102	98	91	105	132	149
Government public health activities	6	14	31	44	50	54	58	65	71	74
<b>Total, private consumer</b> <sup>3</sup>	<b>197</b>	<b>318</b>	<b>565</b>	<b>864</b>	<b>924</b>	<b>978</b>	<b>1,046</b>	<b>1,154</b>	<b>1,255</b>	<b>1,360</b>
Hospital care	56	100	182	266	276	288	309	340	371	394
Physicians' services	49	75	124	188	202	218	244	275	288	315
Dentists' services	21	35	58	85	92	97	105	113	120	128
Other professional services <sup>2</sup>	5	10	26	43	46	51	58	65	72	83
Home health care	-	-	1	3	3	3	3	3	4	5
Drugs and other medical nondurables	39	54	85	126	134	145	155	164	177	187
Vision products and other medical durables <sup>2</sup>	9	13	17	20	23	25	28	31	35	36
Nursing home care	11	19	38	62	68	74	77	83	83	94
Net cost of insurance	7	14	35	71	81	78	88	80	104	118

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> Change from prior year shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>3</sup> See footnotes for corresponding objects in table 137.

<sup>3</sup> Represents out-of-pocket payments and private health insurance.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 139. Personal Health Care—Third Party Payments and Private Consumer Expenditures: 1970 to 1990**

[In billions of dollars, except percent. See headnote, table 140]

ITEM	1970	1975	1980	1984	1985	1986	1987	1988	1989	1990
Personal health care expenditures	64.9	116.6	219.4	341.2	369.7	400.8	439.3	482.8	529.9	585.3
<b>Third party payments, total</b>	<b>39.3</b>	<b>78.0</b>	<b>159.9</b>	<b>253.5</b>	<b>275.3</b>	<b>299.9</b>	<b>330.5</b>	<b>363.5</b>	<b>403.8</b>	<b>449.2</b>
Percent of personal health care	60.5	66.9	72.9	74.3	74.5	74.8	75.2	75.3	76.2	76.7
Private insurance payments	15.2	29.9	65.3	106.3	114.0	123.8	137.7	154.1	169.6	186.1
Government expenditures	22.4	45.3	87.1	135.7	148.4	162.1	177.8	192.6	215.2	241.8
Other <sup>1</sup>	1.7	2.8	7.6	11.4	12.9	14.0	15.0	16.8	19.0	21.3
<b>Private consumer expenditures</b> <sup>2</sup>	<b>40.8</b>	<b>68.4</b>	<b>124.8</b>	<b>194.0</b>	<b>208.4</b>	<b>224.7</b>	<b>246.5</b>	<b>273.4</b>	<b>295.7</b>	<b>322.2</b>
Percent met by private insurance	37.2	43.7	52.3	54.8	54.7	55.1	55.9	56.4	57.4	57.8
Hospital care	12.1	22.4	42.8	65.0	68.3	71.8	77.8	86.6	95.3	102.2
Percent met by private insurance	79.2	80.4	87.5	87.5	87.1	88.1	88.8	87.1	87.3	87.5
Physicians' services	10.6	16.8	29.2	46.0	49.8	54.5	61.5	70.0	74.1	81.7
Percent met by private insurance	45.1	54.5	61.5	65.5	67.7	68.7	69.1	70.2	71.3	71.2

<sup>1</sup> Includes nonpatient revenues and industrial implant health services. <sup>2</sup> Includes expenditures not shown separately. Represents out-of-pocket payments and private health insurance benefits. Excludes net cost of insurance.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 140. Personal Health Care Expenditures, by Object and Source of Payment: 1990**

[In millions of dollars, except as indicated. Includes Puerto Rico and outlying areas. Covers all expenditures for health services and supplies, except net cost of insurance and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	Total	Hospital care	Physicians' services	Dentists' services	Other professional services <sup>1</sup>	Home health care	Drugs and other medical nondurables	Vision products and other medical durables <sup>1</sup>	Nursing home care	Other personal health care
<b>Total</b>	<b>585,328</b>	<b>256,009</b>	<b>125,655</b>	<b>33,985</b>	<b>31,608</b>	<b>6,918</b>	<b>54,566</b>	<b>12,138</b>	<b>53,146</b>	<b>11,302</b>
Out of pocket payments	136,108	12,821	23,497	18,000	8,761	837	40,154	8,175	23,863	-
Third party payments	449,220	243,188	102,158	15,985	22,847	6,081	14,412	3,963	29,283	11,302
Private health insurance	186,132	89,391	58,166	15,192	12,762	502	8,341	1,262	576	-
Government	241,819	139,972	43,944	853	6,449	5,087	6,071	2,701	27,689	9,052
Other <sup>2</sup>	21,268	13,824	48	-	3,635	493	-	-	1,018	2,250
<b>Private</b> <sup>3</sup>	<b>343,508</b>	<b>116,037</b>	<b>61,711</b>	<b>33,132</b>	<b>25,158</b>	<b>1,831</b>	<b>48,495</b>	<b>9,437</b>	<b>25,458</b>	<b>2,250</b>

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> See footnotes for corresponding objects on table 137. <sup>3</sup> Includes nonpatient revenues and industrial implant.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 141. Government Expenditures for Health Services and Supplies: 1980 and 1990**

[In millions of dollars, except percent. Includes Puerto Rico and outlying areas. Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	TOTAL <sup>1</sup>		FEDERAL		State and local	Medi-care <sup>2</sup> (OASDHI)	Public assistance <sup>3</sup>	OTHER HEALTH SERVICES		
	Amount	Percent distribution	Total	Percent of total				Veterans	Defense Dept. <sup>4</sup>	Workers' compensation <sup>5</sup>
<b>1980, total<sup>1</sup></b>	<b>98,114</b>	<b>100.0</b>	<b>66,762</b>	<b>68.0</b>	<b>31,352</b>	<b>37,533</b>	<b>28,007</b>	<b>5,934</b>	<b>4,346</b>	<b>5,177</b>
Hospital care . . . . .	54,599	55.6	41,344	75.7	13,255	26,373	10,933	4,918	3,737	2,007
Physicians' services . . . . .	12,626	12.9	9,668	76.6	2,959	7,948	2,424	59	261	1,667
Nursing home care . . . . .	10,525	10.7	6,139	58.3	4,386	411	8,752	361	-	-
Drugs and other medical nondurables . . . . .	1,661	1.7	819	49.3	842	-	1,536	13	13	78
Administration . . . . .	3,839	3.9	2,063	53.7	1,776	1,118	1,318	49	37	1,225
Public health activities . . . . .	7,219	7.4	1,246	17.3	5,973	-	-	-	-	-
<b>1990, total<sup>1</sup></b>	<b>268,623</b>	<b>100.0</b>	<b>184,335</b>	<b>68.6</b>	<b>84,287</b>	<b>111,195</b>	<b>79,358</b>	<b>11,390</b>	<b>11,513</b>	<b>15,553</b>
Hospital care . . . . .	139,972	52.1	104,625	74.7	35,347	68,333	31,119	9,516	9,112	7,388
Physicians' services . . . . .	43,944	16.4	35,141	80.0	8,803	29,985	5,742	114	1,450	6,156
Nursing home care . . . . .	27,689	10.3	17,166	62.0	10,522	2,473	24,174	1,041	-	-
Drugs and other medical nondurables . . . . .	6,071	2.3	3,000	49.4	3,072	-	5,654	9	83	289
Administration . . . . .	7,485	2.8	4,772	63.8	2,713	2,284	3,835	37	165	985
Public health activities . . . . .	19,318	7.2	2,339	12.1	16,979	-	-	-	-	-

<sup>1</sup> Represents zero. <sup>1</sup> Includes other items not shown separately. <sup>2</sup> Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. <sup>3</sup> Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. <sup>4</sup> Includes care for retirees and military dependents. <sup>5</sup> Medical benefits.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, fall 1991.

**No. 142. Expenditures for Health Services and Supplies, by Type of Payer: 1970 to 1990**

[In billions of dollars]

TYPE OF PAYER	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989	1990
Total expenditures . . . . .	69.1	124.7	238.9	343.6	374.2	407.2	438.9	476.8	526.2	582.1	643.4
Private . . . . .	50.1	86.2	162.1	233.5	256.1	278.9	302.9	327.2	362.8	397.5	430.4
Business	15.1	28.8	64.8	97.9	105.0	115.0	127.3	133.6	153.1	169.7	186.2
Contribution of private health insurance premiums . . . . .	11.2	20.9	48.4	74.2	78.6	85.4	93.6	96.7	112.9	125.7	139.1
Households <sup>1</sup> . . . . .	33.6	54.9	90.3	125.4	140.5	152.0	162.7	179.8	194.3	210.3	224.7
Contribution of private health insurance premiums . . . . .	4.6	8.9	16.2	21.1	26.4	28.4	28.9	35.3	34.9	39.2	42.6
Out-of-pocket spending . . . . .	25.6	38.5	59.5	81.4	87.7	94.4	100.9	108.8	119.3	126.1	136.1
Non-patient revenues <sup>2</sup> . . . . .	1.5	2.5	7.0	10.2	10.6	12.0	12.9	13.8	15.4	17.5	19.6
Public . . . . .	18.9	38.5	76.7	110.1	118.1	128.3	135.9	149.6	163.4	184.6	212.9
Federal government . . . . .	10.4	21.3	42.5	60.0	63.4	69.0	70.4	77.3	84.2	96.2	113.9
State/local government . . . . .	8.5	17.2	34.2	50.1	54.7	59.3	65.5	72.3	79.1	88.4	99.1

<sup>1</sup> Includes other items not shown separately. <sup>2</sup> Includes philanthropy.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, winter 1991.

**No. 143. Benefit Expenditures of Private Health Insurance Organizations: 1970 to 1987**

[In millions of dollars]

TYPE OF PLAN	1970	1980	1982	1983	1984	1985	1986	1987			
								Total	Hospital care	Physicians services	Dental care and other
<b>Total</b> . . . . .	<b>15,320</b>	<b>67,504</b>	<b>89,929</b>	<b>97,990</b>	<b>105,280</b>	<b>111,994</b>	<b>124,622</b>	<b>139,090</b>	<b>73,589</b>	<b>43,392</b>	<b>22,109</b>
Blue Cross-Blue Shield . . . . .	7,060	25,467	32,144	34,398	35,522	37,290	41,258	44,525	27,913	11,874	4,738
Insurance companies . . . . .	7,104	25,774	36,424	40,109	41,547	42,680	45,810	51,549	26,892	16,675	7,982
Independent plans . . . . .	1,156	16,264	21,360	23,483	28,211	32,024	37,554	43,016	16,783	14,843	9,390

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, winter 1988, and unpublished data.

**No. 144. Medicare Program—Enrollment and Payments: 1970 to 1990**

[Enrollment as of July 1; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, section 3, for explanation of coverage]

TYPE OF INSURANCE	Unit	1970	1975	1980	1984	1985	1986	1987	1988	1989	1990
HOSPITAL AND/OR MEDICAL INSURANCE											
Enrollment, total . . . . .	1,000	20,491	24,959	28,478	30,455	31,083	31,750	32,411	32,990	33,579	34,203
Benefit payments . . . . .	Mil. dol.	7,099	15,588	35,699	62,918	70,527	75,997	80,316	86,487	98,305	108,707
HOSPITAL INSURANCE											
Enrollment, total . . . . .	1,000	20,361	24,640	28,067	29,996	30,589	31,216	31,853	32,413	33,040	33,719
Persons 65 and over . . . . .	1,000	20,361	22,472	25,104	27,112	27,683	28,257	28,822	29,312	29,869	30,464
Disabled persons <sup>1</sup> . . . . .	1,000	(X)	2,168	2,963	2,884	2,907	2,959	3,031	3,101	3,171	3,255
Benefit payments . . . . .	Mil. dol.	5,124	11,315	25,064	43,257	47,580	49,758	49,498	52,517	60,011	66,239
MEDICAL INSURANCE											
Enrollment, total . . . . .	1,000	19,584	23,904	27,400	29,415	29,989	30,590	31,170	31,617	32,099	32,629
Persons 65 and over . . . . .	1,000	19,584	21,945	24,680	26,764	27,311	27,863	28,382	28,780	29,216	29,686
Disabled persons <sup>1</sup> . . . . .	1,000	(X)	1,959	2,719	2,651	2,678	2,727	2,788	2,837	2,883	2,943
Benefit payments . . . . .	Mil. dol.	1,975	4,273	10,635	19,661	22,947	26,239	30,820	33,970	38,294	42,468

X Not applicable. <sup>1</sup> Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only.

Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

**No. 145. Medicare—Persons Served and Reimbursements: 1980 to 1989**

[Persons served are enrollees who use covered services, incurred expenses greater than the applicable deductible amounts and for whom Medicare paid benefits. Reimbursements are amounts paid to providers for covered services. Excluded are retrospective adjustments resulting from end of fiscal year cost settlements and certain lump-sum interim payments. Also excluded are beneficiary (or third party payor) liabilities for applicable deductibles, coinsurance amounts, and charges for non-covered services. Includes data for enrollees living in outlying territories and foreign countries.]

TYPE OF COVERAGE AND SERVICE	Unit	PERSONS 65 YEARS OLD AND OVER				DISABLED PERSONS <sup>1</sup>			
		1980	1985	1988	1989	1980	1985	1988	1989
Persons served, total <sup>2</sup> . . . . .	1,000	16,271	20,347	22,942	23,868	1,760	1,944	2,182	2,287
Hospital insurance <sup>2</sup> . . . . .	1,000	6,024	6,058	6,082	6,155	728	662	649	659
Inpatient hospital . . . . .	1,000	5,951	5,714	5,799	5,725	721	636	625	627
Skilled-nursing services . . . . .	1,000	248	304	371	613	9	10	13	23
Home health services . . . . .	1,000	675	1,448	1,485	1,580	51	101	97	105
Supplementary medical insurance <sup>2</sup> . . . . .	1,000	16,099	20,186	22,808	23,746	1,723	1,916	2,156	2,263
Physicians' and other medical services . . . . .	1,000	15,627	19,590	22,270	23,283	1,631	1,820	2,041	2,159
Outpatient services . . . . .	1,000	6,629	9,889	12,795	13,291	909	1,096	1,357	1,415
Home health services <sup>3</sup> . . . . .	1,000	302	27	32	36	25	-	-	-
Persons served per 1,000 enrollees, total . . . . .	Rate	638	722	768	785	594	669	704	721
Hospital insurance <sup>2</sup> . . . . .	Rate	240	219	208	206	246	228	209	208
Inpatient hospital . . . . .	Rate	237	206	197	192	243	219	202	198
Skilled-nursing services . . . . .	Rate	10	11	13	21	3	4	4	7
Home health services <sup>3</sup> . . . . .	Rate	27	52	51	53	17	35	31	33
Supplementary medical insurance <sup>2</sup> . . . . .	Rate	652	739	793	813	634	716	760	785
Physicians' and other medical services . . . . .	Rate	633	717	774	797	600	680	720	749
Outpatient services . . . . .	Rate	269	362	445	455	334	409	478	491
Home health services <sup>3</sup> . . . . .	Rate	12	1	1	1	9	-	-	-
Reimbursements, total . . . . .	Mil. dol.	29,134	56,199	72,900	82,222	4,478	7,495	8,980	10,363
Hospital insurance . . . . .	Mil. dol.	20,353	37,360	45,703	50,448	2,765	4,785	5,436	6,253
Inpatient hospital . . . . .	Mil. dol.	19,583	35,313	43,112	45,439	2,714	4,638	5,264	5,936
Skilled-nursing services . . . . .	Mil. dol.	331	464	811	2,806	13	17	33	143
Home health services <sup>3</sup> . . . . .	Mil. dol.	440	1,583	1,781	2,202	38	130	140	173
Supplementary medical insurance . . . . .	Mil. dol.	8,781	18,839	27,196	31,774	1,713	2,709	3,544	4,111
Physicians' and other medical services . . . . .	Mil. dol.	7,361	15,309	21,311	25,310	997	1,712	2,162	2,623
Outpatient services . . . . .	Mil. dol.	1,261	3,499	5,843	6,407	701	997	1,383	1,489
Home health services <sup>3</sup> . . . . .	Mil. dol.	159	31	43	57	16	-	1	4
Reimbursements, per person served, total . . . . .	Dollars	1,791	2,762	3,178	3,445	2,544	3,855	4,115	4,531
Hospital insurance . . . . .	Dollars	3,379	6,167	7,915	8,196	3,798	7,224	8,373	9,482
Inpatient hospital . . . . .	Dollars	3,291	6,181	7,461	7,937	3,765	7,295	8,418	9,455
Skilled-nursing services . . . . .	Dollars	1,336	1,525	2,184	4,580	1,571	1,681	2,529	6,107
Home health services . . . . .	Dollars	652	1,093	1,189	1,394	733	1,288	1,449	1,645
Supplementary medical insurance . . . . .	Dollars	545	933	1,192	1,338	994	1,414	1,644	1,817
Physicians' and other medical services . . . . .	Dollars	471	781	957	1,087	611	941	1,059	1,215
Outpatient services . . . . .	Dollars	190	354	457	482	771	909	1,019	1,051
Home health services <sup>3</sup> . . . . .	Dollars	526	1,122	1,359	1,614	619	1,598	1,23	230

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only. <sup>3</sup> Persons are counted once for each type of covered service used, but are not double counted in totals. Beginning 1982, a change in legislation resulted in virtually all home health services being paid under hospital insurance.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics*, annual; and unpublished data.

**No. 146. Medicare—Hospital Utilization and Hospital and Physician Charges: 1970 to 1990**

[Data reflect date expense was incurred based on bills submitted for payment and recorded in Health Care Financing Administration central records through May 1991. Includes Puerto Rico, Virgin Islands, Guam, other outlying areas, and enrollees in foreign countries.]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED PERSONS <sup>1</sup>				
		1970	1980	1985	1989, prev.	1990, prev.	1975	1980	1985	1989, prev.	1990, prev.
Hospital inpatient care:											
Admissions <sup>2</sup>	1,000	6,141	9,258	9,751	7,876	9,252	822	1,271	1,319	1,056	1,262
Per 1,000 enrollees <sup>3</sup>	Rate	302	369	352	264	304	379	429	454	333	388
Covered days of care <sup>3</sup>	Millions	79	98	80	79	82	9	13	11	11	11
Per 1,000 enrollees <sup>3</sup>	Rate	3,902	3,885	2,682	2,635	2,702	4,198	4,549	3,739	3,526	3,464
Per admission	Days	12.9	10.5	8.2	10.0	8.9	11.1	10.6	8.2	10.6	8.7
Hospital covered charges	Mil. dol.	5,968	28,615	49,236	78,840	90,846	1,371	4,087	6,582	10,337	11,910
Per covered day	Dollars	75	293	617	1,002	1,104	151	303	606	925	1,057
Percent of covered charges reimbursed <sup>4</sup>	Percent	78.0	70.0	65.6	50.7	47.5	73.6	68.6	64.4	50.4	46.5
Physician allowed charges	Mil. dol.	2,310	9,011	17,743	26,274	30,447	367	1,112	1,823	2,477	2,907
Percent reimbursed	Percent	71.9	78.0	78.8	78.4	76.9	76.1	78.7	78.8	78.0	75.7

<sup>1</sup> Disabled persons under age 65 and persons enrolled solely because of end-stage renal disease. <sup>2</sup> Beginning 1990, represents number of discharges. <sup>3</sup> Based on Hospital Insurance (HI) enrollment as of July 1. <sup>4</sup> Billing reimbursements exclude: (1) PPS pass-through amounts for capital, direct medical education, kidney acquisitions, and bad debts by Medicare patients; (2) certain lump-sum interim payments; and (3) retrospective adjustments resulting from end-of-fiscal year cost reports.

Source: U.S. Health Care Financing Administration, unpublished data.

**No. 147. Medicare and Medicaid—Summary, by State and Other Areas: 1990**

[Data are preliminary estimates]

REGION, DIVISION, AND STATE	MEDICARE		MEDICAID <sup>3</sup>		REGION, DIVISION, AND STATE	MEDICARE		MEDICAID <sup>3</sup>	
	Enroll- ment 1 (1,000)	Pay- ments 2 (mil. dol.)	Recipi- ents 4 (1,000)	Pay- ments 2 (mil. dol.)		Enroll- ment 1 (1,000)	Pay- ments 2 (mil. dol.)	Recipi- ents 4 (1,000)	Pay- ments 2 (mil. dol.)
Total	34,203	108,707	25,255	64,859	WV	308	844	250	361
U.S. <sup>5</sup>	33,498	108,150	24,014	64,709	NC	892	2,326	563	1,426
NE	7,446	26,637	5,323	22,264	SC	442	1,126	317	743
N.E.	1,890	6,185	1,250	5,206	GA	732	2,347	651	2,076
ME	183	501	133	432	FL	2,939	7,677	1,038	2,361
NH	137	344	45	243	E.S.C.	2,174	6,762	1,866	3,335
VT	75	188	60	153	KY	534	1,582	468	977
MA	867	3,152	591	2,730	TN	692	2,231	613	1,163
RI	159	489	171	442	AL	582	1,854	352	609
CT	469	1,511	250	1,205	MS	366	1,096	433	588
M.A.	5,557	20,512	4,073	17,059	W.S.C.	3,197	10,482	2,564	5,383
NY	2,509	9,619	2,329	11,877	AR	391	1,125	264	599
N.J.	1,092	3,485	567	2,298	LA	531	1,984	585	1,815
PA	1,956	7,408	1,177	2,883	OK	451	1,346	273	688
Midwest	8,420	25,504	5,555	14,430	TX	1,824	6,027	1,442	2,781
E.N.C.	5,786	18,495	4,076	10,342	West	6,107	19,377	5,044	9,886
OH	1,543	4,844	1,221	3,132	Mt.	1,637	4,627	621	1,578
IN	762	2,249	347	1,343	MT	117	317	61	171
IL	1,534	4,770	1,067	2,424	ID	132	323	55	162
MI	1,293	4,618	1,048	2,195	WY	52	155	29	59
WI	714	2,014	393	1,248	CO	358	926	191	516
W.N.C.	2,634	7,010	1,479	4,088	NM	179	474	130	275
MN	588	1,314	380	1,410	AZ	498	1,565	(X)	(X)
IA	457	1,183	240	620	UT	160	429	108	247
MO	781	2,391	448	897	NV	141	437	47	149
ND	98	257	49	194	Pac.	4,470	14,750	4,423	8,309
SD	110	272	49	166	WA	615	1,650	448	952
NE	237	553	119	309	OR	424	998	227	519
KS	363	1,040	194	491	CA	3,279	11,751	3,624	6,507
South	11,512	36,562	8,092	18,129	AK	25	89	39	139
S.A.	8,142	19,318	3,662	9,411	HI	127	262	85	191
DE	88	282	41	123	PR	429	509	1,230	146
MD	541	2,177	330	1,090	Outhlyng areas	8	22	611	64
DC	78	398	93	246	Foreign	268	36	(X)	(X)
VA	722	2,140	379	985					

X Not applicable. <sup>1</sup> Hospital and/or medical insurance enrollment as of July 1. <sup>2</sup> Payments are for calendar year and represent disbursements from Federal hospital and medical insurance trust funds. Estimates of distribution by State based on preliminary billing data. <sup>3</sup> For fiscal year ending Sept. 30. <sup>4</sup> Persons receiving Medicaid at any time during the year. <sup>5</sup> Includes data for enrollees with residence unknown. <sup>6</sup> Virgin Islands only.

Source: U.S. Health Care Financing Administration, unpublished data.

**No. 148. Medicaid—Selected Utilization Measures, by Type of Facility: 1975 to 1990**

[In thousands. For fiscal years ending in year shown. Includes Virgin Islands. See text, section 3. Excludes Arizona which has no Title XIX (Medicaid) program]

MEASURE	1975	1980	1984	1985	1986	1987	1988	1989	1990
<b>General hospitals:</b>									
Total discharges	3,031	3,203	3,414	3,616	3,713	3,558	3,905	3,734	3,932
Recipients discharged	2,336	2,255	2,263	2,390	2,564	2,525	2,640	2,701	2,758
Total days of care	22,941	24,089	23,185	29,562	29,517	23,124	24,022	22,754	22,059
<b>Skilled nursing facility:</b>									
Total recipients	630	606	559	547	571	537	579	563	586
Total days of care	78,111	102,832	100,265	72,119	116,044	112,466	119,806	118,222	125,591
<b>Intermediate care facilities:</b> <sup>1</sup>									
Total recipients	69	121	141	147	145	140	145	147	138
Total days of care	9,060	250,124	46,310	47,324	48,418	45,611	46,825	50,276	46,509
<b>Intermediate care facilities:</b> <sup>2</sup>									
Total recipients	582	789	796	828	828	834	866	875	771
Total days of care	121,604	170,665	202,158	205,877	217,972	216,282	224,887	249,006	212,526

<sup>1</sup> Mentally retarded. <sup>2</sup> General.

Source: U.S. Health Care Financing Administration, unpublished data.

**No. 149. Medicaid—Selected Characteristics of Persons Covered: 1980 to 1990**

[In thousands, except percent. Represents number of persons as of March of following year who were enrolled at any time in year shown. Person did not have to receive medical care paid for by Medicaid in order to be counted. See headnote, table 566]

POVERTY STATUS	1980	1985	1988	1990							
				Total <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Under 18 years old	18-44 years old	45-64 years old	65 years and over
<b>Persons covered, total</b>	<b>18,966</b>	<b>19,204</b>	<b>21,185</b>	<b>24,261</b>	<b>15,078</b>	<b>7,809</b>	<b>3,912</b>	<b>12,094</b>	<b>7,284</b>	<b>2,302</b>	<b>2,582</b>
Below poverty level	11,113	12,652	13,325	15,175	8,758	5,686	2,686	8,313	4,490	1,261	1,112
Above poverty level	7,854	6,552	7,860	9,096	6,320	2,123	1,226	3,781	2,794	1,041	1,470
<b>Percent of total population</b>	<b>8.4</b>	<b>8.1</b>	<b>8.6</b>	<b>9.7</b>	<b>7.2</b>	<b>25.3</b>	<b>18.3</b>	<b>18.5</b>	<b>6.8</b>	<b>4.9</b>	<b>8.6</b>
Below poverty level	39.1	39.7	42.3	45.2	38.2	57.8	44.7	61.9	36.1	31.0	30.4
Above poverty level	4.0	3.2	3.7	4.2	3.4	10.2	7.9	7.3	3.0	2.4	5.6

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 155, earlier reports and unpublished data.

**No. 150. Medical Assistance (Medicaid)—Recipients and Payments, by Basis of Eligibility and Type of Service: 1980 to 1990**

[For fiscal year ending in year shown; see text, section 3. Includes Puerto Rico and outlying areas. Excludes Arizona, which has no Title XIX (Medicaid) program. Medical vendor payments are those made directly to suppliers of medical care]

BASIS OF ELIGIBILITY AND TYPE OF SERVICE	RECIPIENTS (1,000)					PAYMENTS (mil. dol.)				
	1980	1985	1988	1989	1990	1980	1985	1988	1989	1990
<b>Total <sup>1</sup></b>	<b>21,605</b>	<b>21,814</b>	<b>22,907</b>	<b>23,511</b>	<b>25,255</b>	<b>23,311</b>	<b>37,508</b>	<b>48,710</b>	<b>54,500</b>	<b>64,859</b>
Age 65 and over	3,440	3,061	3,159	3,132	3,202	8,739	14,096	17,135	18,558	21,508
Blindness	92	80	86	95	83	124	249	344	409	434
Disabled <sup>2</sup>	2,819	2,937	3,401	3,496	3,635	7,497	13,203	18,250	20,476	23,969
AFDC <sup>3</sup> program	14,210	15,275	15,541	16,036	17,230	6,354	9,160	11,731	13,788	17,690
Other and unknown	1,499	1,214	1,343	1,175	1,105	596	798	1,250	1,268	1,257
Inpatient services in—										
General hospital	3,680	3,434	3,832	4,170	4,593	6,412	9,453	12,076	13,378	16,674
Mental hospital	66	60	60	90	92	775	1,192	1,375	1,470	1,714
Intermediate care facilities:										
Mentally retarded	121	147	145	148	147	1,989	4,731	6,022	6,649	7,354
Other	789	828	866	888	860	4,202	6,516	7,923	8,871	9,667
Skilled nursing facility	609	547	579	564	601	3,685	5,071	6,354	6,660	8,026
Physicians	13,765	14,387	15,265	15,686	17,078	1,875	2,346	2,953	3,408	4,018
Dental	4,652	4,672	5,072	4,214	4,552	462	458	577	498	593
Other practitioner	3,234	3,357	3,480	3,555	3,873	198	251	284	317	372
Outpatient hospital	9,705	10,072	10,533	11,344	12,370	1,101	1,789	2,413	2,837	3,324
Clinic	1,531	2,121	2,256	2,391	2,804	320	714	1,105	1,249	1,688
Laboratory	3,212	6,354	7,579	7,759	8,959	121	337	543	590	721
Home health	392	535	569	609	719	332	1,120	2,015	2,572	3,404
Prescribed drugs	13,707	13,921	15,323	15,916	17,294	1,318	2,315	3,294	3,689	4,420
Family planning	1,129	1,636	1,525	1,564	1,752	81	195	206	227	265

<sup>1</sup> Recipient data do not add due to small number of recipients that are reported in more than one category. Includes recipients of and payments for other care not shown separately. <sup>2</sup> Permanently and totally. <sup>3</sup> Aid to families with dependent children.

<sup>4</sup> Includes radiological services.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly.

**No. 151. Indexes of Medical Care Prices: 1970 to 1991**

[1982-1984 = 100. Indexes are annual averages of monthly data based on components of consumer price index for all urban consumers; for explanation, see text, section 15. See *Historical Statistics, Colonial Times to 1970*, series B 262-272 for similar data.]

YEAR	Index, total	MEDICAL CARE SERVICES					Medical care com- mod- ties <sup>2</sup>	ANNUAL PERCENT CHANGE					
		Professional services			Hospital room	Total <sup>1</sup>		Medical care services				Medical care com- mod- ties <sup>2</sup>	
		Total <sup>1</sup>	Physicians	Dental				Total <sup>1</sup>	Physicians	Dental	Hos- pi- tal room		
1970	34.0	32.3	37.0	34.5	39.2	23.6	46.5	36.6	37.0	37.5	35.7	312.9	
1975	47.5	46.6	50.8	48.1	53.2	38.3	53.3	12.0	12.6	12.1	10.4	17.1	
1978	61.8	61.2	64.5	63.4	65.1	54.0	64.4	8.4	8.5	8.4	7.1	11.1	
1979	67.5	67.2	70.1	69.2	70.5	60.1	69.0	9.2	9.8	9.1	8.3	11.3	
1980	74.9	74.8	77.9	76.5	78.9	68.0	75.4	11.0	11.3	10.5	11.9	13.1	
1981	82.9	82.8	85.9	84.9	86.5	78.1	83.7	10.7	10.7	11.0	9.6	14.9	
1982	92.5	92.6	93.2	92.8	93.1	90.4	92.3	11.6	11.8	9.4	7.6	15.7	
1983	100.6	100.7	99.8	100.1	99.4	100.6	100.2	8.8	8.7	7.8	6.8	11.3	
1984	106.8	106.7	107.0	107.0	107.5	109.0	107.5	6.2	6.0	6.9	8.1	8.3	
1985	113.5	113.2	113.5	113.3	114.2	115.4	115.2	6.3	6.1	5.9	6.2	5.9	
1986	122.0	121.9	120.8	121.5	120.6	122.3	122.8	7.5	7.7	7.2	5.6	6.0	
1987	130.1	130.0	128.8	130.4	128.8	131.1	130.1	6.8	6.6	7.3	6.8	7.2	
1988	138.6	138.3	137.5	139.8	137.5	143.3	139.9	6.5	6.4	7.2	6.8	9.3	
1989	149.3	148.9	146.4	150.1	146.1	158.1	150.8	7.7	7.7	7.4	6.3	10.3	
1990	162.8	162.7	156.1	160.8	155.8	175.4	163.4	9.0	9.3	7.1	6.6	10.9	
1991	177.0	177.1	165.7	170.5	167.4	191.9	176.8	8.7	8.9	6.0	7.4	9.4	
												8.2	

<sup>1</sup> Includes other services, not shown separately. <sup>2</sup> Prior to 1978, covers drugs and prescriptions only. <sup>3</sup> Change from 1969.

Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, January 1992, and unpublished data.

**No. 152. Average Annual Expenditures of Consumer Units for Health Care, 1984 to 1990, and by Selected Characteristics, 1990**

[In dollars, except percent. See text, section 14, and headnote, table 693. For composition of regions, see table 25]

ITEM	HEALTH CARE, TOTAL			Health insurance	Medi- cal ser- vices	Drugs and medi- cal sup- plies <sup>1</sup>	PERCENT DISTRIBUTION			
	Amount	Percent of total expenditures	Health care, total				Health care, total	Health insurance	Medi- cal ser- vices	Drugs and med- ical sup- plies
1984	1,049	4.8	370	454	225	100.0	35.3	43.3	21.4	
1985	1,108	4.7	375	496	238	100.0	33.8	44.8	21.5	
1986	1,125	4.8	371	502	261	100.0	32.7	44.2	23.0	
1987	1,135	4.6	392	467	276	100.0	34.5	41.1	24.3	
1988	1,298	5.0	474	529	294	100.0	36.5	40.8	22.7	
1989	1,407	5.1	537	542	327	100.0	38.2	38.5	23.2	
<b>1990</b>	<b>1,480</b>	<b>5.2</b>	<b>581</b>	<b>562</b>	<b>337</b>	<b>100.0</b>	<b>39.3</b>	<b>38.0</b>	<b>22.8</b>	
<b>Age of reference person:</b>										
Under 25 years old	403	2.4	106	190	106	100.0	26.3	47.1	26.3	
25 to 34 years old	981	3.5	391	391	199	100.0	39.9	39.9	20.3	
35 to 44 years old	1,415	4.0	485	646	283	100.0	34.3	45.7	20.0	
45 to 54 years old	1,597	4.3	583	664	349	100.0	36.5	41.6	21.9	
55 to 64 years old	1,791	6.1	700	654	436	100.0	39.1	36.5	24.3	
65 to 74 years old	2,197	10.5	1014	656	528	100.0	46.2	29.9	24.0	
75 years old and over	2,223	14.4	960	674	589	100.0	43.2	30.3	26.5	
<b>Region of residence:</b>										
Northeast	1,396	4.7	553	559	285	100.0	39.6	40.0	20.4	
Midwest	1,336	5.2	550	457	330	100.0	41.2	34.2	24.7	
South	1,600	5.9	637	573	390	100.0	39.8	35.8	24.4	
West	1,544	4.8	558	676	310	100.0	36.1	43.8	20.1	
<b>Size of consumer unit:</b>										
One person	977	5.7	389	356	231	100.0	39.8	36.4	23.6	
Two persons	1,796	6.2	729	629	439	100.0	40.6	35.0	24.4	
Two or more persons	1,677	5.1	657	642	377	100.0	39.2	38.3	22.5	
Three persons	1,618	4.8	627	638	354	100.0	38.8	39.4	21.9	
Four persons	1,581	4.2	618	648	316	100.0	39.1	41.0	20.0	
Five persons or more	1,555	4.3	548	682	325	100.0	35.2	43.9	20.9	
<b>Income before taxes:</b>										
Complete income reporters <sup>2</sup>	1,497	5.2	585	565	347	100.0	39.1	37.7	23.2	
Quintiles of income:										
Lowest 20 percent	1,012	7.8	407	334	272	100.0	40.2	33.0	26.9	
Second 20 percent	1,420	7.9	582	451	386	100.0	41.0	31.8	27.2	
Third 20 percent	1,409	5.7	614	484	312	100.0	43.6	34.4	22.1	
Fourth 20 percent	1,560	4.6	610	595	354	100.0	39.1	38.1	22.7	
Highest 20 percent	2,080	3.8	710	958	412	100.0	34.1	46.1	19.8	
Incomplete reporters of income	1,390	5.6	562	544	285	100.0	40.4	39.1	20.5	

<sup>1</sup> Includes prescription and non-prescription drugs. <sup>2</sup> A complete reporter is a consumer unit providing values for at least one of the major sources of income.

Source: Bureau of Labor Statistics, *Consumer Expenditure Survey*, annual.

# Health Insurance Coverage

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## No. 153. Health Insurance Coverage Status, by Selected Characteristics: 1985 to 1990

[Data represents monthly averages for first quarter. Government health insurance includes Medicare, Medicaid, and military plans. Based on Survey of Income and Program Participation; see text, section 14]

CHARACTERISTIC	NUMBER (mil.)						PERCENT					
	Total	Covered by private or Government health insurance			Not covered by health insurance	Total	Covered by private or Government health insurance			Not covered by health insurance		
		Private insurance		Covered by Medicaid			Total	Private	Covered by Medicaid			
		Total <sup>1</sup>	Related to employment <sup>2</sup>	Covered by Medicaid			Total	Private	Covered by Medicaid			
1985 <sup>3</sup> . . . . .	234.0	199.4	174.8	141.3	16.1	34.6	100.0	85.2	74.6	6.9	14.8	
1986 . . . . .	236.7	202.6	177.5	144.1	18.7	34.2	100.0	85.6	75.0	7.1	14.4	
1987 . . . . .	238.9	206.0	180.6	146.3	18.0	32.9	100.0	86.2	75.6	7.5	13.8	
1988 . . . . .	241.4	210.6	186.6	150.4	17.7	30.8	100.0	87.2	77.3	7.4	12.8	
1989 . . . . .	243.6	212.0	187.2	151.8	17.7	31.7	100.0	87.0	76.8	7.3	13.0	
1990, total <sup>4</sup> . . . . .	246.2	212.6	186.2	150.5	18.5	33.6	100.0	86.4	75.6	7.5	13.6	
Male . . . . .	119.8	101.7	90.7	75.1	6.8	18.1	100.0	84.9	75.7	5.7	15.1	
Female . . . . .	126.4	110.9	95.4	75.4	11.7	15.5	100.0	87.7	75.5	9.3	12.3	
White . . . . .	207.5	181.0	163.9	131.9	10.8	26.4	100.0	87.2	79.0	5.2	12.7	
Black . . . . .	30.4	24.7	17.0	14.3	6.6	5.6	100.0	81.3	55.9	21.7	18.4	
Hispanic origin <sup>5</sup> . . . . .	20.7	14.2	10.4	8.8	3.3	6.5	100.0	68.6	50.2	15.9	31.4	
Under 16 years . . . . .	57.7	49.3	40.9	34.4	8.0	8.5	100.0	85.4	70.9	13.9	14.7	
16 to 24 years . . . . .	32.0	25.0	22.3	17.5	2.4	7.0	100.0	78.1	69.7	7.5	21.9	
25 to 34 years . . . . .	43.3	35.2	31.8	28.7	2.7	8.1	100.0	81.3	73.4	6.2	18.7	
35 to 44 years . . . . .	37.1	32.2	30.2	27.5	1.4	4.8	100.0	86.8	81.4	3.8	12.9	
45 to 54 years . . . . .	25.2	22.3	21.0	18.4	1.0	3.0	100.0	88.5	83.3	4.0	11.9	
55 to 64 years . . . . .	21.3	19.1	17.2	13.8	1.0	2.1	100.0	89.7	80.8	4.7	9.9	
65 years and over . . . . .	29.6	29.5	22.8	10.1	2.3	0.1	100.0	99.7	77.0	7.8	0.3	

<sup>1</sup> Includes other Government insurance, not shown separately. <sup>2</sup> Related to current or prior employment of self or other family members. <sup>3</sup> Revised since originally published. <sup>4</sup> Includes other races, not shown separately. <sup>5</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 29, and unpublished data.

## No. 154. Health Insurance Coverage, by Selected Characteristic: 1985 to 1987

[Data represent persons covered by Government or private health insurance coverage during a 28 month period, from February 1985 through May 1987. For composition of regions, see table 25]

CHARACTERISTIC	All persons (mil.)	COVERED BY INSURANCE (mil.)						PERCENT COVERED BY INSURANCE					
		Government or private			Private			Government or private			Private for entire period		
		For entire period	For part of the period	No coverage	For entire period	For part of the period	No coverage	For entire period	For part of the period	No coverage	For entire period	For part of the period	No coverage
	Total . . . . .	226.5	162.8	53.8	9.8	138.9	61.3	26.3	71.9	23.8	4.3	61.3	
Under 16 years old . . . . .	63.0	41.3	18.5	3.2	36.0	17.6	9.4	66.5	29.5	5.1	57.1		
Under 6 years old . . . . .	21.8	14.2	6.6	1.0	11.8	6.3	3.7	65.0	30.4	4.6	54.2		
18 to 24 years old . . . . .	26.6	12.8	12.2	1.6	11.4	12.3	2.9	48.1	45.9	6.0	43.0		
25 to 44 years old . . . . .	69.9	50.5	16.2	3.2	47.3	16.3	6.3	72.3	23.2	4.5	67.7		
45 to 64 years old . . . . .	43.2	34.6	6.7	1.8	31.0	8.1	4.2	80.1	15.5	4.3	71.7		
65 years old and over . . . . .	23.8	23.6	0.1	(Z)	13.1	7.1	3.6	99.3	0.6	0.1	55.3		
Male . . . . .	109.0	76.5	27.0	5.5	67.0	29.6	12.4	70.2	24.8	5.0	61.5		
Female . . . . .	117.5	86.4	26.8	4.3	71.9	31.6	14.0	73.5	22.8	3.7	61.2		
White . . . . .	182.2	141.5	42.9	7.8	124.2	49.7	18.4	73.6	22.3	4.0	64.6		
Black . . . . .	27.0	16.8	8.6	1.6	10.9	9.2	6.9	62.3	31.7	5.9	40.5		
Hispanic <sup>1</sup> . . . . .	15.7	7.5	6.4	1.8	5.5	6.1	4.1	48.0	40.6	11.3	34.9		
Residence:													
Northeast . . . . .	45.9	35.8	9.2	0.9	30.0	11.0	4.9	77.9	20.2	1.9	65.2		
Midwest . . . . .	61.0	46.2	12.6	2.2	41.4	14.0	5.5	75.8	20.7	3.6	68.0		
South . . . . .	76.4	51.5	20.4	4.5	42.7	23.4	10.4	67.4	26.6	5.9	55.8		
West . . . . .	43.2	29.3	11.6	2.2	24.8	12.9	5.5	67.9	26.9	5.2	57.5		
Educational attainment:													
Less than 12 years . . . . .	38.8	27.6	8.5	2.6	16.9	12.8	9.2	71.2	21.9	6.8	43.5		
12 to 15 years . . . . .	92.8	67.9	21.5	3.4	61.3	24.8	6.8	73.2	23.0	3.7	66.0		
16 years or more . . . . .	28.4	24.3	3.7	0.4	23.3	4.6	0.6	85.6	12.9	1.5	81.8		
Work status:													
Worked entire 28 months—													
Full time . . . . .	51.7	44.4	6.2	1.1	44.0	6.5	1.2	86.0	12.1	2.0	85.1		
Part time . . . . .	4.9	3.6	0.9	0.3	3.4	0.9	0.5	74.6	18.7	6.8	70.5		
Had at least one work interruption . . . . .	62.9	34.8	24.2	3.9	32.1	24.4	6.4	55.3	38.4	6.2	51.0		

Z Less than 50,000. <sup>1</sup> Persons of Hispanic origin may be of any race. <sup>2</sup> For persons 19 years old and over. <sup>3</sup> For wage and salary workers.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 17.

**No. 155. Persons Without Health Insurance Coverage, by Selected Characteristic: 1989**

[In percent, except as indicated. Annual average of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III]

CHARACTERISTIC	Total	UNDER 65 YEARS OLD					65 years and over
		Total	Under 18 years	18 to 24 years	25 to 44 years	45 to 64 years	
All persons (1,000) . . . . .	243,532	214,313	64,003	25,401	78,795	46,114	29,219
Persons not covered <sup>1</sup> . . . . .	13.9	15.7	14.9	27.4	15.5	10.5	1.2
SEX							
Male . . . . .	15.1	16.7	15.1	31.3	17.6	9.6	1.3
Female . . . . .	12.7	14.6	14.7	23.7	13.6	11.2	1.2
RACE							
White . . . . .	12.8	14.5	14.0	26.3	14.4	9.4	1.0
Black . . . . .	20.2	21.9	18.9	34.3	22.5	17.5	2.5
Other . . . . .	19.7	20.4	18.9	27.8	20.7	17.5	8.4
EDUCATION <sup>2</sup>							
Less than 12 years . . . . .	20.8	30.1	(X)	42.1	35.5	19.9	1.5
12 years . . . . .	14.4	16.6	(X)	29.8	16.8	8.5	0.7
More than 12 years . . . . .	8.4	9.2	(X)	16.0	9.0	5.8	1.3
EMPLOYMENT STATUS <sup>2</sup>							
Currently employed . . . . .	13.9	14.3	(X)	26.6	13.6	9.0	1.5
Unemployed . . . . .	36.3	39.2	(X)	44.5	40.8	26.5	(X)
Not in labor force . . . . .	10.8	18.5	(X)	26.0	21.2	12.8	1.2
FAMILY INCOME							
Less than \$5,000 . . . . .	27.1	31.3	25.5	27.3	42.4	35.5	1.5
\$5,000 to \$9,999 . . . . .	27.7	36.9	31.6	43.5	43.5	32.2	1.6
\$10,000 to \$19,999 . . . . .	24.3	30.1	30.2	37.5	32.0	21.3	1.1
\$20,000 to \$34,999 . . . . .	10.6	11.6	10.9	22.1	11.8	6.8	1.0
\$35,000 to \$49,999 . . . . .	5.8	6.0	4.0	18.4	5.8	3.9	0.8
\$50,000 or more . . . . .	3.6	3.7	2.3	12.9	3.7	1.9	1.6

X Not applicable. <sup>1</sup> Excludes 9.7 million persons for whom insurance coverage was unknown. Includes persons whose demographic coverage was unknown. <sup>2</sup> Excludes persons under 18 years old.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 201, June 18, 1991.

**No. 156. Health Maintenance Organizations (HMO)—Number and Enrollment, by Type and Size of Organization: 1976 to 1991**

[As of June 30, except as noted. Under the Health Maintenance Organization Act, an HMO must have four characteristics: (1) an organized system for providing health care in a geographic area, for which the HMO is responsible for providing or otherwise assuring its delivery; (2) an agreed upon set of basic and supplemental health maintenance and treatment services; (3) a voluntarily enrolled group of people; and (4) community rating. A group HMO contracts with one or more medical groups to provide services to members and generally provides all services except hospital care under one roof. Data for group model HMO's include staff model HMO's (a model in which the HMO hires its own physicians) and network HMO's (an HMO that provides comprehensive health services to members in two or more distinct geographic areas). Individual practice association (IPA) HMO contracts with a physician organization that in turn contracts with individual physicians. IPA physicians provide care to HMO members from their private offices and continue to see their fee-for-service patients. An open-ended product line allows enrollees to receive services from health care providers outside the HMO network for additional out-of-pocket fee (typically a deductible and coinsurance are imposed))]

TYPE OF PRACTICE AND SIZE	1976	1980	1984 (Dec. 31)	1985	1986	1987	1988	1989 (Jan. 1)	1990 (July 1)	1991 (Jan. 1)
<b>NUMBER OF PLANS</b>										
Total . . . . .	175	236	337	393	595	662	643	807	1,556	1,556
Group . . . . .	134	139	195	212	250	245	231	220	206	208
I.P.A . . . . .	41	97	142	181	345	417	412	387	350	348
Less than 15,000 members . . . . .	128	144	143	171	315	325	271	229	179	171
15,000-24,999 members . . . . .	15	36	45	56	63	86	98	102	94	107
25,000-49,999 members . . . . .	12	28	78	79	107	100	114	112	125	121
50,000-99,999 members . . . . .	7	15	40	51	67	89	86	89	72	72
100,000 members or more . . . . .	10	13	31	36	47	62	74	74	84	85
<b>ENROLLMENT (1,000)</b>										
Total . . . . .	6,016	9,100	16,743	18,894	23,664	28,587	21,366	21,940	23,622	234,072
Group . . . . .	5,627	7,406	13,075	14,247	15,210	17,261	17,883	18,371	19,743	20,415
I.P.A . . . . .	390	1,694	3,667	4,646	8,454	11,326	13,483	13,569	13,879	13,657
Less than 15,000 members . . . . .	620	870	975	1,020	1,514	1,797	1,794	1,591	1,317	1,242
15,000-24,999 members . . . . .	297	732	867	1,101	1,220	1,681	1,933	2,044	1,793	2,064
25,000-49,999 members . . . . .	365	907	2,699	2,813	3,791	3,564	4,011	3,927	4,249	4,188
50,000-99,999 members . . . . .	525	976	2,577	3,315	4,828	6,343	6,041	6,274	5,121	5,132
100,000 members or more . . . . .	4,210	5,615	9,625	10,646	12,311	15,202	17,587	18,104	21,142	21,446
<b>HMO'S WITH OPEN-ENDED PRODUCT LINE</b>										
Number of plans . . . . .	(X)	(X)	(X)	(X)	(X)	(X)	(X)	48	70	96
Enrollment (1,000) . . . . .	(X)	(X)	(X)	(X)	(X)	(X)	(X)	482	617	1,041
										116
										1,191

X Not applicable. <sup>1</sup> Includes three HMO's containing only open-ended members, not distributed by enrollment size.

<sup>2</sup> Excludes enrollees participating in open-ended plans.

Source: Interstudy, Excelsior, MN, *The Interstudy Edge*, 1990, vol. 2, and earlier publications (copyright) and Group Health Association of America, Inc., Washington, DC, releases.

## No. 157. Children—Health Insurance and Medical Care: 1988

[Based on the National Health Interview Survey; see Appendix III]

CHARACTERISTIC	Total	AGE GROUP					
		Under 1 year	1 to 4 years	5 to 7 years	8 to 11 years	12 to 14 years	15 to 17 years
All children (1,000) <sup>1</sup>	63,569	3,850	14,536	11,037	13,635	9,872	10,639
<b>PERCENT COVERED BY HEALTH INSURANCE</b>							
All children	83.1	80.1	83.7	83.3	83.8	83.0	82.3
Sex: Male	83.5	80.4	83.5	83.7	83.8	84.3	83.1
Female	82.7	79.7	84.0	83.0	83.8	81.4	81.3
Race: White	83.7	80.7	84.4	84.3	83.6	83.7	83.5
Black	80.9	81.2	80.5	79.7	84.1	81.7	77.6
Hispanic origin: Hispanic	70.0	62.2	75.2	76.3	65.0	68.1	68.3
Non-Hispanic	84.9	82.8	85.2	84.3	86.3	85.1	83.8
Family income: Under \$10,000	71.8	74.0	75.3	73.9	71.0	69.7	64.4
\$10,000 to \$24,999	76.1	75.1	76.9	78.2	75.3	73.5	76.6
\$25,000 to \$39,999	89.8	85.6	90.5	89.4	92.1	90.2	87.4
\$40,000 or more	92.4	93.3	93.2	91.7	92.0	93.2	91.6
<b>PERCENT WHO VISITED A DOCTOR FOR HEALTH CARE <sup>2</sup></b>							
All children	63.9	93.8	81.5	66.0	49.6	54.8	53.9
Sex: Male	64.1	94.4	81.3	65.9	49.4	57.6	52.5
Female	63.7	93.1	81.7	66.0	49.9	51.6	55.3
Race: White	63.7	95.1	81.4	65.7	47.9	56.0	54.0
Black	65.0	87.6	82.6	66.6	55.7	51.7	55.7
Hispanic origin: Hispanic	63.4	93.5	82.3	70.4	49.5	51.9	45.5
Non-Hispanic	63.6	93.5	81.1	65.2	49.5	55.0	54.8
Family income: Under \$10,000	62.9	87.4	78.9	65.6	49.5	53.5	45.9
\$10,000 to \$24,999	61.6	96.1	80.4	62.8	43.7	47.9	52.6
\$25,000 to \$39,999	64.3	94.9	82.5	67.7	47.1	54.3	56.9
\$40,000 or more	68.0	97.2	65.8	70.0	56.3	62.5	58.4
Covered by health insurance	66.8	96.1	83.4	68.6	52.6	58.6	57.7
Not covered by health insurance	56.9	91.8	79.3	58.9	39.0	42.1	44.3
<b>PERCENT WITH REGULAR SOURCE OF HEALTH CARE <sup>3</sup></b>							
All children	88.0	89.9	92.3	90.8	86.9	85.0	82.9
Sex: Male	87.6	90.1	92.0	89.9	86.0	85.1	82.6
Female	88.5	89.6	92.6	91.7	87.9	84.9	83.3
Race: White	88.6	92.1	93.0	91.3	87.2	85.1	83.4
Black	86.5	79.8	90.3	87.9	86.4	86.2	82.9
Hispanic origin: Hispanic	81.1	88.2	89.2	82.1	81.6	72.6	72.2
Non-Hispanic	88.9	89.8	92.9	91.9	87.6	86.6	84.2
Family income: Under \$10,000	83.8	82.4	88.3	88.8	80.8	83.2	74.8
\$10,000 to \$24,999	86.0	92.7	92.5	88.3	83.7	77.4	81.1
\$25,000 to \$39,999	91.1	91.3	94.6	94.6	89.4	89.3	86.1
\$40,000 or more	92.4	94.4	96.5	94.7	93.0	90.5	87.0
Covered by health insurance	91.9	93.0	94.9	94.0	90.9	90.0	88.2
Not covered by health insurance	79.0	85.7	88.5	83.4	75.6	70.3	70.7
<b>PERCENT WITH REGULAR SOURCE OF HEALTH CARE—CLINIC <sup>4</sup></b>							
All children	15.5	22.0	18.6	14.8	13.1	14.3	13.3
Sex: Male	15.1	23.9	17.9	13.6	13.4	13.2	12.9
Female	15.9	19.8	19.3	16.0	12.8	15.6	13.7
Race: White	11.2	16.0	14.1	9.9	9.8	10.1	9.1
Black	35.2	46.5	40.8	37.0	29.3	33.5	30.3
Hispanic origin: Hispanic	26.2	47.6	27.8	21.1	23.2	25.2	23.6
Non-Hispanic	14.2	18.7	17.3	14.1	11.9	13.0	12.3
Family income: Under \$10,000	36.5	35.9	39.5	34.9	36.7	35.9	33.0
\$10,000 to \$24,999	22.4	32.2	27.9	20.0	20.0	19.6	16.1
\$25,000 to \$39,999	9.2	11.9	9.8	9.1	7.3	8.8	10.2
\$40,000 or more	5.7	4.2	6.6	4.4	3.3	5.7	8.9
Covered by health insurance	13.0	18.1	16.2	12.0	10.5	11.7	11.6
Not covered by health insurance	32.3	40.2	32.7	32.9	32.1	33.3	25.7

<sup>1</sup> Includes other races and unknown income. <sup>2</sup> For routine health care within the past year. <sup>3</sup> Includes private physicians, private clinics HMO's, prepaid practices and sources listed in footnote 4. <sup>4</sup> Includes hospital outpatient clinics and emergency rooms, walk-in and emergency care centers and other clinics.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 188, October 1, 1990.

**No. 158. Physicians, Dentists, and Nurses: 1970 to 1989**

[Physicians, dentists, and nurses as of end of year, except as noted. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275-290]

ITEM	Unit	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989	
<b>Physicians, number</b> <sup>1</sup>		1,000	348	409	487	542	(NA)	577	595	612	629	645
Rate per 100,000 population <sup>2</sup>			171	190	214	232	(NA)	243	248	253	257	261
Doctors of medicine <sup>3</sup>		1,000	334	394	468	520	(NA)	553	569	586	601	615
Active non-Federal <sup>4</sup>		1,000	281	312	397	447	(NA)	476	484	500	516	527
Rate per 100,000 population <sup>5</sup>			139	146	176	193	(NA)	202	203	208	212	215
Active foreign medical school graduates <sup>6</sup>		1,000	54	(NA)	82	100	(NA)	105	107	111	115	116
Doctors of osteopathy		1,000	14	15	19	22	23	24	25	27	28	30
Medical and osteopathic schools <sup>7</sup>		Number	110	123	141	142	142	142	142	142	142	142
Students <sup>7</sup>		1,000	42.6	59.3	70.1	73.5	73.6	73.2	72.8	72.3	71.9	71.6
Graduates <sup>7</sup>		1,000	8.8	13.9	16.2	17.1	17.6	17.8	17.7	17.4	17.5	17.2
Newly licensed physicians, total <sup>6,8</sup>		1,000	11.0	16.9	18.2	20.6	18.3	18.3	19.6	20.3	21.2	20.1
Percent of total active M.D.'s <sup>9</sup>			3.5	4.6	4.2	4.3	(NA)	3.6	3.8	3.8	3.8	3.6
Graduates of—												
U.S. and Canadian medical schools		1,000	8.0	10.9	14.9	15.8	14.2	15.3	16.7	17.1	18.0	17.4
Foreign medical schools		1,000	3.0	6.0	3.3	4.8	4.1	3.0	2.9	3.2	3.2	2.7
Percent of total newly licensed		Percent	27.3	35.4	18.2	23.1	22.3	16.7	15.0	15.9	15.2	13.7
<b>Dentists, number</b>		1,000	116	127	141	150	153	156	158	161	164	168
Active (exc. in Federal service) <sup>5</sup>		1,000	96	107	121	130	133	136	138	140	142	144
Rate per 100,000 population <sup>5</sup>			48	50	54	56	57	58	58	58	58	59
Dental schools <sup>10</sup>		Number	53	59	60	60	60	60	59	58	58	58
Students <sup>10</sup>		1,000	16.6	20.8	22.8	21.4	20.6	19.6	18.7	17.9	17.1	16.2
Graduates <sup>10</sup>		1,000	3.7	5.0	5.3	5.8	5.3	5.4	5.0	4.7	4.6	4.3
<b>Nurses, number (active registered)</b>		1,000	750	961	1,273	1,439	1,486	1,544	1,589	1,627	1,648	1,686
Rate per 100,000 population <sup>2</sup>			368	446	560	616	630	649	662	671	674	675
Nursing programs <sup>11</sup>		Number	1,343	1,360	1,385	1,466	1,477	1,473	1,469	1,465	1,442	1,457
Students <sup>11</sup>		1,000	165	250	231	251	237	218	194	183	185	201
Graduates <sup>11</sup>		1,000	44	75	76	77	80	82	77	71	65	62

NA Not available. <sup>1</sup> Includes not classified, inactive, and Federal physicians. Data for 1988 and 1989 as of January 1 the following year. <sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1. Estimates reflect revisions based on the 1990 Census of Population. <sup>3</sup> Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 159. <sup>4</sup> Excludes nonclassified physicians. <sup>5</sup> Based on Bureau of the Census estimated civilian population as of July 1. Estimates reflect revisions based on the 1990 Census of Population. <sup>6</sup> Foreign medical graduates exclude graduates of Canadian schools. <sup>7</sup> Number of schools and students as of fall of prior year; graduates for academic year ending in year shown. Based on data from annual surveys conducted by the Association of American Medical Colleges and the American Association of Colleges of Medicine. <sup>8</sup> Source: American Medical Association, Chicago, IL, *U.S. Medical Licensure Statistics, 1991* and prior issues and *License Requirements, 1991*, and prior issues and *Physician Characteristics and Distribution in the U.S.*, annual. (Copyright.) <sup>9</sup> Excludes M.D.'s with unknown addresses. Includes those not classified. <sup>10</sup> See footnote 7. Based on data from the American Dental Association, Council on Dental Education, *Annual Report on Dental Education*. <sup>11</sup> Number of programs and students are as of October 15 and number of graduates are for academic year ending in year shown; from National League for Nursing, *NLN Data Book*, annual issues and *State-Approved Schools of Nursing, RN*, annual issues.

Source: Except as noted, U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data. Prior to 1980, data were published by U.S. National Center for Health Statistics in *Health Resources Statistics*, annual.

**No. 159. Physicians, by Type of Practice: 1970 to 1989**

[As of December 31, except 1988 and 1989 for MD's as of January 1 of the following year. Includes Puerto Rico and outlying areas. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,559 in 1975, 6,755 in 1980, 6,259 in 1981, 174 in 1982, 7,039 in 1983, 7,514 in 1985, 8,072 in 1986, 8,947 in 1987, 8,947 in 1988 and 9,059 in 1989]

TYPE OF PRACTICE	NUMBER (1,000)									PERCENT DISTRIBUTION			
	1970	1975	1980	1983	1985	1986	1987	1988	1989	1970	1980	1985	1989
All physicians	348.3	409.0	486.5	541.1	576.7	594.7	612.4	629.1	645.0	100	100	100	100
Doctors of medicine <sup>1</sup>	334.0	393.7	467.7	519.5	552.7	569.2	585.6	600.8	615.4	96	96	96	95
Active M.D.'s <sup>2</sup>	311.2	366.4	435.5	479.4	511.0	519.4	534.7	549.2	560.0	89	90	89	87
Non-Federal <sup>3</sup>	301.3	359.7	443.5	496.9	528.2	544.3	561.0	577.6	592.2	87	91	92	92
Patient care <sup>4</sup>	255.0	287.8	361.9	408.1	431.5	444.7	461.2	477.2	487.8	73	74	75	76
Office based <sup>5</sup>	188.9	213.3	271.2	308.3	329.0	325.8	337.5	350.1	359.9	54	56	57	56
General practice <sup>5</sup>	50.8	46.3	47.7	51.4	53.9	53.6	55.1	56.3	57.6	15	10	9	9
Specialty	138.1	167.0	223.5	257.0	275.2	272.1	282.4	293.7	302.4	40	46	48	47
Training programs <sup>6</sup>	45.8	53.5	59.6	70.6	72.2	85.4	87.5	88.4	89.9	13	12	13	14
Full-time hospital staff	20.3	21.0	31.0	29.2	30.3	33.5	36.2	38.8	38.0	6	6	5	6
Other professional activity	26.3	24.3	35.2	39.3	44.0	39.1	38.4	39.2	39.0	8	7	8	6
Retired, not in practice	19.6	21.4	25.7	36.9	38.6	46.8	48.0	48.8	52.7	6	5	7	8
Federal <sup>7</sup>	29.5	28.2	17.8	19.4	21.6	21.9	21.7	20.4	20.4	8	4	4	3
Patient care <sup>7</sup>	23.5	24.1	14.6	15.3	17.3	17.4	17.3	15.9	16.1	7	3	2	2
Full-time hospital staff	14.6	17.7	11.0	11.1	12.9	12.9	13.0	12.4	12.8	4	2	1	1
Other professional activity	6.0	4.1	3.2	4.0	4.3	4.5	4.5	4.4	4.4	2	1	1	1
Doctors of osteopathy <sup>8</sup>	14.3	15.4	18.8	21.6	24.0	26.5	26.8	28.3	29.6	4	4	4	5

<sup>1</sup> Includes physicians with unknown addresses and those not classified, not shown separately. <sup>2</sup> Excludes physicians of unknown addresses. <sup>3</sup> Includes physicians inactive and not classified. Excludes unknown addresses. <sup>4</sup> Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other industry, insurance companies, health depts., laboratories, etc. <sup>5</sup> Includes family practice. <sup>6</sup> Includes 7,828 clinical fellows in 1986, 7,987 in 1987 and 8,338 in 1988 and 8,249 on 1989. <sup>7</sup> Includes Federal physicians in office-based practice and training programs.

<sup>8</sup> Total DO's. For 1990 the number of total DO's is 30,900; for 1991, 32,300. Source: American Osteopathic Association, Chicago, IL.

Source: Except as noted, 1970 and 1975, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; thereafter, American Medical Association, Chicago, IL, *Physician Characteristics and Distribution in the U.S.*, annual (copyright).

# Physicians, Dentists, and Nurses

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## No. 160. Active Non-Federal Physicians and Dentists, 1990, and Nurses, 1989—States

[As of Dec. 31, except as noted. Excludes doctors of osteopathy, Federally employed persons, and physicians with addresses unknown. Includes all physicians not classified according to activity status]

REGION, DIVISION, AND STATE	PHYSICIANS, 1990 <sup>1</sup>		DENTISTS, 1990		NURSES, 1989		REGION, DIVISION, AND STATE	PHYSICIANS, 1990 <sup>1</sup>		DENTISTS, 1990		NURSES, 1989	
	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>		Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>	Total	Rate <sup>2</sup>
U.S.	532,638	216	145,500	59	1,666,200	676	DC	3,674	615	600	100	9,500	1591
North- east	141,690	280	36,660	72	428,400	846	VA	12,615	213	3,210	53	34,400	580
N.E.	38,031	293	9,220	70	131,000	1008	WV	3,086	166	850	47	11,200	603
ME	2,155	178	580	48	10,200	841	NC	12,262	190	2,730	42	40,500	626
NH	2,198	200	650	59	10,100	917	SC	5,541	161	1,410	41	15,900	461
VT	1,432	253	320	57	5,200	917	GA	11,144	175	2,950	46	35,800	562
MA	19,910	337	4,470	74	68,000	1153	FL	26,123	208	6,230	49	84,100	669
RI	2,515	254	580	56	9,300	938	E.S.C.	25,740	168	7,370	49	82,500	539
CT	9,820	305	2,640	81	28,200	875	KY	6,202	168	2,020	55	18,400	498
M.A.	103,659	275	27,440	73	297,400	790	TN	9,619	196	2,660	55	29,100	591
NY	56,395	315	14,200	79	143,300	800	AL	6,464	158	1,700	42	22,800	557
NJ	18,971	246	5,740	74	53,400	692	MS	3,455	133	990	39	12,200	469
PA	28,293	235	7,500	63	100,700	837	W.S.C.	45,916	171	12,740	48	127,400	475
Midwest	114,273	190	35,510	60	438,900	731	AR	3,595	150	970	41	12,000	501
E.N.C.	81,124	192	25,200	60	300,500	712	LA	8,173	188	2,050	49	18,700	430
OH	21,379	196	6,110	56	81,600	749	OK	4,697	147	1,580	51	15,100	473
IN.	8,764	157	2,710	49	37,900	678	TX	29,451	175	8,140	48	81,600	484
IL	24,680	212	7,310	64	83,600	719	West	113,761	222	31,780	61	317,900	620
MI	17,129	185	5,860	63	62,900	679	Mt.	24,690	184	7,790	57	84,500	631
WI	9,172	189	3,210	66	34,500	709	MT	1,263	158	520	65	5,300	662
W.N.C.	33,149	186	10,310	59	138,400	779	ID	1,259	125	550	55	5,300	525
MN	9,574	220	2,930	67	34,300	788	WY	654	139	260	58	2,800	594
IA	4,280	151	1,610	58	23,100	814	CO	6,894	211	2,320	71	23,400	715
MO	10,100	196	2,790	55	38,900	756	NM	2,768	183	700	47	7,300	482
ND	1,102	170	320	51	6,000	923	AZ	6,961	197	1,790	49	23,700	671
SD	992	140	350	51	5,900	833	UT	3,145	185	1,150	67	8,500	500
NE	2,741	172	1,030	66	12,200	763	NV	1,746	159	500	42	8,200	746
KS	4,360	175	1,280	52	18,000	723	Pac.	89,071	233	23,990	62	233,400	617
South	162,914	192	41,550	49	480,800	568	WA	10,006	213	3,140	65	35,800	761
S.A.	91,258	215	21,440	50	270,900	637	OR	5,778	205	1,970	69	21,100	749
DE	1,329	199	290	44	6,000	898	CA	70,062	244	17,680	60	167,900	584
MD	15,484	334	3,170	67	33,500	722	AK	734	146	340	65	2,700	538
HI							HI	2,491	236	650	81	5,900	559

<sup>1</sup> As of January 1, 1990. <sup>2</sup> Per 100,000 civilian population. Based on U.S. Bureau of the Census estimates as of July 1 for 1989 for physicians and nurses; July 1, 1990 for dentists. Estimates do not reflect revisions based on the 1990 Census of Population.

Source: Physicians: American Medical Association, Chicago, IL, *Physician Characteristics and Distribution in the U.S.*, annual (copyright); Dentists and nurses: U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data. Dentists: Based on data supplied by American Dental Association, Bureau of Economic and Behavioral Research.

## No. 161. Federal and Non-Federal Physicians, by Sex, Specialty, and Major Professional Activity: 1970 to 1990

[In thousands, except percent. As of December 31 through 1985; 1990 as of January 1. Includes Puerto Rico and outlying areas]

SPECIALTY	1970		1975	1980	1985	1990						Other professional <sup>2</sup>					
	Total	Percent				Total		Patient care		Hospital based							
						Number	Percent	Total	Office based	Full time	Residents <sup>1</sup>						
Total <sup>3</sup>	334.5	100.0	393.7	467.7	552.7	615.4	100.0	503.9	360.9	50.8	92.1	43.4					
Male	(NA)	(NA)	358.1	413.4	472.0	511.2	83.1	417.5	311.7	40.5	65.3	36.5					
Female	(NA)	(NA)	35.6	54.3	80.7	104.2	86.4	49.2	10.3	26.8	6.9						
General practice <sup>4</sup>	57.9	17.3	54.6	60.0	67.1	70.5	11.5	68.3	58.0	4.2	6.0	2.2					
Internal medicine	41.9	12.5	54.3	71.5	90.4	98.3	16.0	88.7	58.0	7.5	23.1	9.6					
Pediatrics	17.9	5.4	21.7	28.3	35.6	40.9	6.6	37.5	26.6	3.6	7.3	3.4					
General surgery	29.8	8.9	31.6	34.0	38.2	38.4	6.2	36.8	24.5	2.9	9.4	1.6					
Obstetrics, gynecology	18.9	5.7	21.7	26.3	30.9	33.7	5.5	32.5	25.5	1.9	5.2	1.1					
Orthopedic surgery	9.6	2.9	11.4	14.0	17.2	19.1	3.1	18.7	14.2	1.1	3.4	0.4					
Ophthalmology	9.9	3.0	11.1	13.0	14.9	16.1	2.6	15.6	13.1	0.6	1.9	0.5					
Psychiatry	21.1	6.3	23.9	27.5	32.3	35.2	5.7	31.8	20.1	6.0	5.6	3.4					
Anesthesiology	10.1	3.0	12.9	16.0	22.0	26.0	4.2	24.9	17.8	3.0	4.1	1.1					
Pathology	10.3	3.1	11.7	13.4	15.5	16.2	2.6	13.0	7.3	3.2	2.5	3.2					
Radiology	10.5	3.1	11.5	11.7	10.1	8.5	1.4	7.9	6.1	1.2	0.7	0.5					

NA Not available. <sup>1</sup> Includes interns and clinical fellows. <sup>2</sup> Medical teaching, administration, research, and other. <sup>3</sup> Includes other specialties not shown separately. Beginning 1975, also includes physicians who are inactive, not classified, or with address unknown, not shown separately. <sup>4</sup> Includes general practice.

Source: American Medical Association, Chicago, IL, *Distribution of Physicians in the United States, 1970, Physician Distribution and Medical Licensure in the U.S.*, 1975; and, beginning 1980, *Physician Characteristics and Distribution in the U.S.*, annual, (copyright).

**No. 162. Physician and Dental Visits, by Patient Characteristics: 1970 to 1989**

[See headnote, table 188. Based on National Health Interview Survey; see Appendix III]

TYPE OF VISIT AND YEAR	TOTAL VISITS (mil.)				VISITS PER PERSON PER YEAR									
	Sex		Race <sup>1</sup>		Sex		Race <sup>1</sup>		Age (years)					
	Male	Female	White	Black	Male	Female	White	Black	Under 6	6 to 16	17 to 24	25 to 44	45 to 64	65 and over
Physicians: 1970 . . .	396	531	832	87	4.1	5.1	4.8	3.9	5.9	2.9	4.6	4.6	5.2	6.3
1980 . . . . .	426	610	903	115	4.0	5.4	4.8	4.5	6.7	3.2	4.0	4.6	5.1	6.4
1985 . . . . .	498	733	1,074	132	4.4	6.1	5.4	4.7	6.3	3.1	4.2	4.9	6.1	8.3
1987 . . . . .	523	765	1,118	140	4.5	6.2	5.5	4.9	6.7	3.3	4.4	4.8	6.4	8.9
1988 . . . . .	530	774	1,139	136	4.5	6.2	5.6	4.6	7.0	3.4	4.3	5.1	6.1	8.7
1989 . . . . .	552	771	1,148	140	4.7	6.1	5.6	4.7	6.7	3.5	4.3	5.1	6.1	8.9
Dentists: 1970 . . .	133	171	283	17	1.4	1.7	1.6	0.8	0.5	1.9	1.8	1.7	1.5	1.1
1980 . . . . .	158	207	333	26	1.5	1.8	1.8	1.0	0.5	2.3	1.6	1.7	1.8	1.4
1983 . . . . .	183	239	382	31	1.6	2.0	1.9	1.1	0.5	2.6	1.6	1.9	2.0	1.5
1986 . . . . .	210	256	416	37	1.9	2.2	2.1	1.4	0.7	3.2	4.1	2.0	2.2	2.1
1989 . . . . .	221	271	441	34	1.9	2.2	2.1	1.1	0.5	3.2	4.1	2.0	2.4	2.0

<sup>1</sup> See footnote 2, table 188. <sup>2</sup> Under 5 years. <sup>3</sup> 5 to 17 years. <sup>4</sup> 18 to 24 years.Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.**No. 163. Physician Contacts, by Place of Contact and Selected Patient Characteristic: 1984 and 1989**

[Based on the National Health Interview Survey; see Appendix III. Data are age-adjusted]

CHARACTERISTIC	PHYSICIAN CONTACTS PER PERSON (Number)		PERCENT BY PLACE OF CONTACT											
			Doctor's office		Hospital <sup>1</sup>		Telephone		Home		Other <sup>2</sup>			
	1984	1989	1984	1989	1984	1989	1984	1989	1984	1989	1984	1989	1984	1989
Total <sup>3</sup> . . . . .	5.0	5.3	56.0	59.6	14.3	13.2	15.1	12.3	1.6	1.4	13.1	13.4		
Sex: Male . . . . .	4.4	4.8	55.1	58.1	15.9	15.0	13.2	11.2	1.6	1.2	14.3	14.5		
Female . . . . .	5.6	5.9	56.5	60.5	13.2	12.1	16.2	12.9	1.6	1.6	12.5	12.8		
Race: White . . . . .	5.1	5.5	57.6	60.9	12.8	12.2	15.8	12.9	1.5	1.4	12.3	12.7		
Black . . . . .	4.8	4.9	43.9	50.6	25.4	20.4	10.2	9.3	2.2	2.0	18.4	17.8		
Income: <sup>4</sup> . . . . .														
Less than \$14,000 . . .	5.8	6.3	46.7	48.5	19.7	18.0	12.0	10.8	2.5	2.4	19.1	20.3		
\$14,000 to \$24,999 . . .	4.8	5.2	53.4	58.9	16.7	14.3	14.3	12.9	0.9	1.4	14.7	12.5		
\$25,000 to \$34,999 . . .	4.9	5.5	59.2	61.0	13.5	12.1	14.8	12.4	0.8	0.8	11.7	13.7		
\$35,000 to \$49,999 . . .	5.2	5.2	60.8	63.1	10.9	12.1	17.5	12.9	1.0	0.6	9.8	11.4		
\$50,000 or more . . . . .	5.5	6.0	60.5	63.4	10.5	10.7	16.8	13.6	1.7	1.7	10.6	10.7		

<sup>1</sup> Includes hospital outpatient department, emergency room, and other hospital contacts. <sup>2</sup> Includes clinics and places outside a hospital. <sup>3</sup> Includes other races and unknown family income. <sup>4</sup> Categories shown are for 1989. Categories for 1984 are: less than \$10,000; \$10,000 to \$18,999; \$19,000 to \$29,999; and \$40,000 or more.Source: U.S. National Center for Health Statistics, *Health, U.S.*, 1990.**No. 164. Physicians' Mean Net Income and Liability Premiums, by Selected Specialty: 1982 to 1989**

[In thousands of dollars. Based on a sample telephone survey of 4,000 nonfederal office and hospital based patient care physicians, excluding residents, with a response rate of 69.1% in 1990. For details, see source. For definition of mean, see Guide to Tabular Presentation.]

SPECIALTY	1982	1983	1984	1985	1986	1987	1988	1989
MEAN NET INCOME								
All physicians <sup>1</sup> . . . . .	97.7	104.1	108.4	112.2	119.5	132.3	144.7	155.8
General/Family practice . . .	71.4	66.9	71.6	77.9	80.3	91.5	94.6	95.9
Internal medicine . . . . .	86.9	94.6	104.2	102.0	109.4	121.8	130.9	146.5
Surgery . . . . .	128.6	144.3	151.0	155.0	162.4	187.9	207.5	220.5
Pediatrics . . . . .	70.5	70.8	73.7	76.2	81.8	85.3	94.9	104.7
Obstetrics/Gynecology . . . . .	112.3	118.1	118.8	124.3	135.9	163.2	180.7	194.3
MEAN LIABILITY PREMIUM								
All physicians <sup>1</sup> . . . . .	5.8	6.9	8.4	10.5	12.8	15.0	15.9	15.5
General/Family practice . . .	3.5	4.2	4.6	6.8	7.3	8.9	9.4	9.0
Internal medicine . . . . .	3.7	4.5	4.9	5.8	7.1	8.4	9.0	8.2
Surgery . . . . .	9.9	11.0	13.3	16.6	21.3	24.5	26.5	25.8
Pediatrics . . . . .	2.9	3.9	3.4	4.7	6.3	7.1	9.3	7.8
Obstetrics/Gynecology . . . . .	10.8	14.0	19.0	23.5	29.3	35.3	35.3	37.0

<sup>1</sup> Includes other specialties, not shown separately.Source: American Medical Association, Chicago IL, *Socioeconomic Characteristics of Medical Practice, 1990/1991* (copyright).

## No. 165. Hospital Registered Nursing Personnel—Summary: 1990

[In percent, except as indicated. Based on a sample of 5,903 U.S. short term acute care hospitals registered and unregistered by the American Hospital Association, with a response rate of 55.8%. For details see source. For an explanation of mean, see Guide to Tabular Presentation]

CHARACTERISTIC	1990	CHARACTERISTIC	1990
Total full-time registered nurses per hospital (mean) <sup>1</sup>	105	Registered nurse, full-time:	
Length of Employment at Hospital <sup>2</sup>		Lowest mean hourly wage paid.....	12.19
Full-time: Less than 1 year.....	14.9	Highest mean hourly wage paid.....	16.43
1 year to less than 2 years.....	13.6	Mean hourly wage paid.....	14.29
2 year to less than 5 years.....	23.6	HOSPITAL STAFFING MECHANISMS <sup>3</sup>	
5 years or more.....	47.9	Per-diem.....	61.8
Part-time: Less than 1 year.....	19.8	Float-pool <sup>4</sup> .....	51.3
1 year to less than 2 years.....	15.3	On-call.....	55.4
2 year to less than 5 years.....	23.6	Temporary nursing service.....	52.8
5 years or more.....	41.3	Other.....	12.2
Educational Attainment		HOSPITAL POSITION SCHEDULES <sup>5</sup>	
Associate degree in nursing.....	43.8	Days only.....	31.2
Nursing diploma.....	31.1	Evenings only.....	18.3
Baccalaureate degree in nursing.....	22.6	Nights only.....	18.0
Master's degree in nursing.....	2.4	Shifts: Day/evening.....	10.9
Salary/Wages (dol. per hr.) <sup>2</sup>		Day/night.....	7.1
Full-time head nurse:		Evening/night.....	3.9
Lowest mean annual salary paid.....	15.36	Rotate all.....	10.7
Highest mean annual salary paid.....	19.68	HOSPITAL BARGAINING STATUS	
		Organized for the purpose of collective bargaining.....	17.0

<sup>1</sup> Source: American Hospital Association, Chicago, IL, 1990 Human Resource Survey. <sup>2</sup> Full-time: at least 35 hours worked per week. Part-time: less than 35 hours worked per week. <sup>3</sup> Percent of hospitals with each mechanism. Includes multiple responses. <sup>4</sup> In-house nursing staff personnel routinely assigned schedules who work different units in the institution according to the demands of variable patient volume and acuity levels. <sup>5</sup> Percent of positions.

Source: Except as indicated, American Hospital Association, Chicago, IL, *Report of the Hospital Nursing Personnel Survey, 1990*, (copyright).

## No. 166. Hospitals and Nursing Homes—Summary Characteristics: 1971 to 1989

[Except as indicated, based on National Master Facility Inventory]

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Resi- dents <sup>2</sup> (1,000)	Full-time employ- ees (1,000)
		Govt. control	Propri- etary control	Non- profit control	Less than 25 beds <sup>1</sup>	25-74 beds	75 or more beds		
1971: All facilities.....	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes <sup>3</sup> .....	22,004	1,368	17,049	3,587	8,256	8,259	5,479	1,076	568
Hospitals.....	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1980: All facilities.....	30,116	3,498	19,611	7,007	8,852	8,573	12,691	2,427	3,919
Nursing homes <sup>4</sup> <sup>5</sup> .....	23,065	936	18,669	3,460	8,498	6,362	8,205	1,396	6798
Hospitals.....	7,051	2,562	942	3,547	354	2,211	4,486	1,031	3,121
1986: All facilities.....	32,600	3,275	21,399	7,926	9,903	8,755	13,942	2,427	(NA)
All hospitals <sup>7</sup> .....	6,954	2,230	1,176	3,548	290	2,150	4,514	874	3,241
General.....	5,956	1,871	829	3,256	259	1,849	3,848	690	2,871
Psychiatric.....	584	267	218	99	12	140	432	139	248
Chronic.....	44	30	4	10	—	6	38	13	21
Tuberculosis.....	4	3	—	1	—	1	3	—	1
Nursing homes <sup>6</sup> <sup>5</sup> .....	25,646	1,045	20,223	4,378	9,613	6,605	9,428	1,553	(NA)
1988: All hospitals <sup>7</sup> .....	6,927	2,210	1,228	3,489	308	2,175	4,444	859	3,349
General.....	5,795	1,852	764	3,179	275	1,793	3,727	680	2,973
Psychiatric.....	696	266	319	109	16	201	479	137	260
Chronic.....	42	33	1	8	—	5	37	13	17
Tuberculosis.....	4	3	—	1	—	1	3	—	1
1989: All hospitals <sup>7</sup> .....	6,853	2,169	1,221	3,463	330	2,114	4,409	849	3,465
General.....	5,704	1,816	742	3,146	298	1,730	3,676	674	3,072
Psychiatric.....	712	269	334	109	14	203	495	134	268
Chronic.....	41	31	3	7	—	6	35	12	20
Tuberculosis.....	4	3	—	1	—	1	3	—	1

<sup>1</sup> Represents or rounds to zero. NA Not available. <sup>2</sup> For hospitals, minimum of six beds; for nursing homes, minimum of three beds. <sup>3</sup> Number of residents as of date of interview. <sup>4</sup> See footnote 1, table 179. <sup>5</sup> Includes 1978 data for Alaska and South Dakota. <sup>6</sup> Excludes hospital-based nursing homes; 1986 data based on the 1986 Inventory of Long-Term Care Places. Data may not be strictly comparable with previous year data. <sup>7</sup> Estimated. <sup>8</sup> Includes types not shown below. Based on data from the American Hospital Association.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics, 1971*; and unpublished data.

**No. 167. Hospitals—Summary Characteristics, by Type of Service and Control:**  
**1972 to 1990**

[Covers hospitals accepted for registration by American Hospital Association; see text, section 3. Short-term hospitals have an average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318, B 331-344, and B 413-422]

ITEM	1972	1980	1984	1985	1986	1987	1988	1989	1990	Percent change 1980-90
<b>Number:</b>										
All hospitals . . . . .	7,061	6,965	6,872	6,872	6,841	6,821	6,780	6,720	6,649	-4.5
With 100 beds or more . . . . .	2,710	3,755	3,808	3,805	3,765	3,713	3,681	3,650	3,620	-3.6
Non-Federal <sup>1</sup> . . . . .	6,660	6,606	6,531	6,529	6,499	6,479	6,438	6,380	6,312	-4.5
Community hospitals <sup>2</sup> . . . . .	5,746	5,830	5,759	5,732	5,678	5,611	5,533	5,455	5,384	-7.7
Nongovernmental nonprofit . . . . .	3,301	3,322	3,351	3,349	3,323	3,274	3,242	3,220	3,191	-3.9
For profit . . . . .	738	730	786	805	834	828	790	769	749	2.6
State and local government . . . . .	1,707	1,778	1,622	1,578	1,521	1,509	1,501	1,466	1,444	-18.8
Long-term general and special . . . . .	216	157	131	128	133	131	129	138	131	-16.6
Psychiatric . . . . .	529	534	579	610	634	684	726	741	757	41.8
Tuberculosis . . . . .	72	11	7	4	5	4	4	4	4	-63.6
Federal . . . . .	401	359	341	343	342	342	342	340	337	-6.1
<b>Beds (1,000):</b>										
All hospitals <sup>3</sup> . . . . .	1,550	1,365	1,339	1,309	1,283	1,261	1,241	1,224	1,211	-11.3
Rate per 1,000 population <sup>4</sup> . . . . .	7.6	6.0	5.7	5.5	5.4	5.3	5.0	5.1	5.1	-15.3
Beds per hospital . . . . .	220	196	195	190	188	185	183	182	182	-7.1
Non-Federal . . . . .	1,407	1,248	1,226	1,197	1,172	1,152	1,138	1,124	1,113	-10.8
Community hospitals <sup>2</sup> . . . . .	879	988	1,017	1,001	978	958	944	933	928	-6.1
Rate per 1,000 population <sup>4</sup> . . . . .	4.32	4.15	4.27	4.20	4.10	4.02	3.8	3.9	3.9	-6.1
Nongovernmental nonprofit . . . . .	617	692	716	707	689	673	666	660	657	-5.1
For profit . . . . .	57	87	100	104	106	106	103	103	102	16.9
State and local government . . . . .	205	209	201	189	182	180	175	170	169	-19.0
Long-term general and special . . . . .	54	39	30	31	30	28	27	27	25	-36.2
Psychiatric . . . . .	457	215	175	169	165	165	163	160	158	-26.7
Tuberculosis . . . . .	13	2	1	1	(Z)	1	-	-	-	-76.5
Federal . . . . .	143	117	112	112	111	109	104	100	98	-16.5
<b>Occupancy rate:<sup>5</sup></b>										
All hospitals . . . . .	78.0	77.7	72.5	69.5	68.8	69.2	68.6	68.7	69.7	(X)
Non-Federal . . . . .	78.0	77.4	71.9	68.9	68.3	68.7	69.1	69.3	69.4	(X)
Community hospitals <sup>2</sup> . . . . .	75.4	75.6	69.0	64.8	64.3	64.9	65.7	66.2	66.7	(X)
Nongovernmental nonprofit . . . . .	77.5	78.2	71.4	67.2	66.8	67.6	68.4	68.8	69.3	(X)
For profit . . . . .	68.7	65.2	57.0	52.2	50.9	51.0	51.0	51.6	52.6	(X)
State and local government . . . . .	71.0	71.1	66.2	62.9	62.7	63.1	63.9	64.9	65.3	(X)
Long-term general and special . . . . .	83.0	85.9	88.7	88.5	88.1	87.2	87.5	86.6	85.9	(X)
Psychiatric . . . . .	82.8	85.2	86.3	87.0	86.8	86.4	86.3	84.6	82.5	(X)
Tuberculosis . . . . .	61.2	67.0	63.4	64.1	59.0	64.1	67.2	69.3	66.4	(X)
Federal . . . . .	80.0	80.1	79.0	76.3	74.2	74.2	74.4	73.7	73.3	(X)
<b>Expenses (bill. dol.):<sup>6</sup></b>										
All hospitals . . . . .	32.7	91.9	144.1	153.3	165.2	178.7	196.7	214.9	234.9	155.6
Non-Federal . . . . .	30.0	84.0	133.0	141.0	152.1	165.0	182.1	199.8	219.6	161.5
Community hospitals <sup>2</sup> . . . . .	25.5	76.9	123.3	130.5	140.7	152.6	168.7	184.9	203.7	164.9
Nongovernmental nonprofit . . . . .	18.4	55.8	90.8	96.1	103.5	112.3	124.7	136.9	150.7	170.0
For profit . . . . .	1.4	5.8	10.3	11.5	13.0	14.1	15.5	17.2	18.8	224.5
State and local government . . . . .	5.7	15.2	22.3	22.9	24.1	26.2	28.5	30.8	34.2	125.0
Long-term general and special . . . . .	0.7	1.2	1.7	1.9	2.0	2.2	2.3	2.5	2.7	128.6
Psychiatric . . . . .	3.1	5.8	7.7	8.3	9.1	9.9	10.9	12.0	12.9	122.5
Tuberculosis . . . . .	0.1	0.1	0.1	0.1	(Z)	(Z)	(Z)	0.0	0.1	-49.6
Federal . . . . .	3.1	7.9	11.2	12.3	13.1	13.7	14.6	15.1	15.2	93.0
<b>Personnel (1,000):<sup>7</sup></b>										
All hospitals . . . . .	2,671	3,492	3,630	3,625	3,647	3,742	3,840	3,937	4,063	16.4
Non-Federal . . . . .	2,439	3,213	3,339	3,326	3,351	3,445	3,545	3,648	3,760	17.0
Community hospitals <sup>2</sup> . . . . .	2,051	2,873	3,017	2,997	3,025	3,114	3,205	3,303	3,420	19.0
Nongovernmental nonprofit . . . . .	1,473	2,086	2,222	2,216	2,241	2,298	2,373	2,454	2,533	21.4
For profit . . . . .	105	189	214	221	229	242	249	261	273	44.3
State and local government . . . . .	473	598	581	561	555	573	583	589	614	2.6
Long-term general and special . . . . .	63	56	54	58	56	55	54	56	55	-1.8
Psychiatric . . . . .	307	275	260	263	263	269	281	284	280	1.8
Tuberculosis . . . . .	12	3	2	2	1	1	1	1	1	-57.9
Federal . . . . .	232	279	290	299	296	297	295	288	303	8.8
<b>Personnel per 100 patients:<sup>7</sup></b>										
All hospitals . . . . .	221	329	374	398	413	429	445	462	482	46.4
Non-Federal . . . . .	223	333	379	403	419	435	451	468	487	46.2
Community hospitals <sup>2</sup> . . . . .	309	380	430	462	481	501	517	535	552	45.4
Nongovernmental nonprofit . . . . .	308	385	434	466	487	505	521	540	557	44.6
For profit . . . . .	269	334	375	408	423	448	471	492	510	52.5
State and local government . . . . .	324	401	437	471	487	507	521	533	555	38.3
Long-term general and special . . . . .	140	170	203	212	212	222	225	237	257	51.2
Psychiatric . . . . .	81	150	172	180	183	189	200	209	215	43.6
Tuberculosis . . . . .	150	290	342	378	365	306	303	289	405	39.7
Federal . . . . .	204	297	327	351	360	367	383	390	424	42.6
<b>Outpatient visits, (mill.)</b>	219.2	263.0	276.6	282.1	294.6	310.7	336.2	352.2	368.2	40.0
Emergency . . . . .	60.1	82.0	78.5	80.1	82.1	83.5	86.6	89.9	92.8	13.2
Closures . . . . .	(NA)	73	76	59	80	93	106	80	63	-13.7

NA Not available. X Not applicable. Z Less than 500 beds \$50 million, or .5 percent. <sup>1</sup> Short term (average length of stay less than 30 days) general and special (e.g., obstetrics and gynecology; eye, ear, nose and throat; rehabilitation etc. except psychiatric, tuberculosis, alcoholism and chemical dependency). Includes hospital units of institutions. <sup>2</sup> Excludes hospital units of institutions.

<sup>3</sup> Beginning 1988, number of beds at end of reporting period; prior years, average number in 12 month period. <sup>4</sup> Based on Bureau of the Census estimated resident population as of July 1. Estimates do not reflect revisions based on the 1990 Census of Population. <sup>5</sup> Ratio of average daily census to every 100 beds. <sup>6</sup> Excludes new construction. <sup>7</sup> Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual, (copyright).

# Hospitals, by State

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## No. 168. Hospital Facilities—States and Puerto Rico: 1990

[Short term hospitals have an average stay of less than 30 days. See *Historical Statistics, Colonial Times to 1970*, series B 305-308 and B 359-362]

REGION, DIVISION AND STATE OR OTHER AREA	NUMBER OF HOSPITALS		BEDS (1,000)		PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS <sup>2</sup> (1,000)		OCCUPANCY RATE <sup>3</sup>		OUTPATIENT VISITS (mil.)		Person- nel <sup>4</sup> (1,000)	
	Total	Com- mu- nity <sup>1</sup>	Total	Com- mu- nity <sup>1</sup>	Total	Com- mu- nity <sup>1</sup>	Total	Com- mu- nity <sup>1</sup>	Total	Com- mu- nity <sup>1</sup>	Total	Com- mu- nity <sup>1</sup>		
U.S.	6,649	5,384	1,210.8	928.1	368.2	301.3	619.3	69.7	66.7	368.2	301.3	4,063.3		
Northeast	1,067	797	276.1	200.4	89.4	79.7	223.6	156.2	61.0	78.9	89.4	79.7	983.4	
N.E.	341	229	65.1	44.2	22.2	19.5	60.7	32.8	77.9	74.3	22.2	19.5	244.5	
ME	44	39	5.6	4.5	2.1	1.9	4.2	3.2	73.7	71.3	2.1	1.9	20.5	
NH	40	27	4.9	3.5	1.7	1.6	3.4	2.3	69.3	67.1	1.7	1.6	16.9	
VT	18	15	2.3	1.7	0.8	0.7	1.6	1.2	69.6	67.0	0.8	0.7	7.9	
MA	157	101	33.5	21.7	11.3	9.9	26.2	16.2	78.3	74.7	11.3	9.9	125.3	
RI	19	12	4.4	3.2	1.5	1.2	3.7	2.5	83.4	79.5	1.5	1.2	18.4	
CT	63	35	14.3	9.6	4.8	4.2	11.6	7.4	81.1	77.0	4.8	4.2	55.5	
M.A.	728	568	211.0	156.2	67.1	60.2	172.9	125.3	82.0	80.2	67.1	60.2	738.9	
NY	305	235	104.3	74.7	33.5	29.3	90.5	64.0	86.8	85.7	33.5	29.3	370.3	
N.J.	119	95	38.2	28.9	10.8	9.7	30.9	23.1	81.0	80.0	10.8	9.7	126.8	
PA	302	238	68.5	52.6	22.8	21.2	51.5	38.2	75.2	72.6	22.8	21.2	241.8	
Midwest	1,805	1,560	309.2	250.0	94.5	84.1	206.1	159.5	66.7	63.8	94.5	84.1	1,019.0	
E.N.C.	959	818	200.6	163.2	69.3	63.4	135.6	105.8	67.6	64.8	69.3	63.4	701.6	
OH	224	190	52.1	43.1	18.4	17.1	35.1	27.9	67.4	64.8	18.4	17.1	190.5	
IN	135	113	26.4	21.8	9.3	8.7	16.8	13.2	63.7	60.6	9.3	8.7	92.4	
IL	247	210	57.7	45.8	18.7	16.4	40.0	30.3	69.3	66.1	18.7	16.4	198.1	
MI	205	176	40.7	33.9	16.3	15.3	27.4	22.2	67.2	65.7	16.3	15.3	148.8	
WI	148	129	23.7	18.6	6.7	5.9	16.3	12.1	68.8	64.9	6.7	5.9	71.7	
W.N.C.	846	742	106.6	86.8	25.2	20.6	70.5	53.8	64.9	61.9	25.2	20.6	317.4	
MN	167	152	24.6	19.4	4.9	4.4	16.8	13.0	68.4	66.9	4.9	4.4	64.9	
IA	134	124	17.2	14.3	4.3	4.1	11.3	8.8	65.5	61.6	4.3	4.1	49.4	
MO	160	135	29.6	24.3	7.7	6.5	19.2	15.0	64.6	61.8	7.7	6.5	102.6	
ND	57	50	5.2	4.4	0.9	0.5	3.4	2.8	65.4	64.5	0.9	0.5	12.9	
SD	66	53	5.4	4.2	1.2	0.7	3.5	2.6	63.6	62.1	1.2	0.7	13.9	
NE	102	90	10.4	8.5	2.1	1.6	6.5	5.0	62.1	58.6	2.1	1.6	29.1	
KS	160	138	16.1	11.8	4.1	2.9	9.9	6.6	61.6	55.8	4.1	2.9	44.6	
South	2,525	2,032	432.5	330.8	111.0	83.3	286.7	209.5	66.3	63.3	111.8	83.3	1,385.2	
S.A.	1,050	803	212.7	158.2	59.1	43.5	148.3	106.4	69.7	67.2	59.1	43.5	712.5	
DE	13	8	2.8	2.0	1.2	1.0	2.2	1.5	80.5	76.6	1.2	1.0	11.9	
MD	82	52	20.4	13.6	6.6	4.6	15.5	10.6	76.0	78.0	6.6	4.6	77.2	
DC	17	11	7.8	4.5	2.3	1.3	6.4	3.4	81.5	76.1	2.3	1.3	31.0	
VA	135	97	29.2	20.0	8.7	5.8	21.2	13.5	72.6	67.3	8.7	5.8	92.4	
WV	68	59	10.2	8.4	3.1	2.8	6.6	5.3	64.9	62.8	3.1	2.8	31.7	
NC	155	120	30.1	22.0	8.0	6.1	22.6	16.0	74.9	73.0	8.0	6.1	106.5	
SC	89	69	14.6	11.3	4.7	3.4	10.4	8.0	71.3	70.6	4.7	3.4	49.4	
GA	203	163	34.9	25.7	9.2	6.8	23.6	16.8	67.5	65.3	9.2	6.8	110.9	
FL	288	224	62.8	50.7	15.3	11.6	40.0	31.3	63.7	61.6	15.3	11.6	201.5	
E.S.C.	532	464	89.2	71.0	20.6	16.4	58.9	44.3	66.0	62.3	20.6	16.4	281.7	
KY	123	107	19.0	15.9	5.8	4.4	12.2	9.8	64.6	61.7	5.8	4.4	58.4	
TN	156	134	29.6	23.6	6.0	5.2	19.9	15.1	67.4	64.1	6.0	5.2	92.5	
AL	138	120	23.5	16.6	5.7	4.6	15.6	11.7	66.5	62.7	5.7	4.6	68.5	
MS	115	103	17.2	12.9	3.0	2.2	11.1	7.7	64.6	59.4	3.0	2.2	42.3	
W.S.C.	943	765	130.6	101.6	32.1	23.4	79.5	58.9	60.8	58.0	32.1	23.4	411.0	
AR	96	86	12.9	10.9	2.7	2.2	8.3	6.7	64.6	61.8	2.7	2.2	38.4	
LA	173	140	23.9	19.1	6.5	5.4	14.4	11.0	60.1	57.4	6.5	5.4	73.3	
OK	137	111	14.9	12.4	3.9	2.3	9.0	7.2	60.6	58.1	3.9	2.3	50.4	
TX	537	428	78.9	59.2	18.9	13.6	47.7	34.0	60.5	57.5	18.9	13.6	248.9	
West	1,252	995	193.0	146.8	72.5	54.2	127.3	92.0	66.0	62.7	72.5	54.2	675.7	
Mt	464	355	55.1	42.3	20.4	13.9	34.9	25.6	63.3	60.5	20.4	13.9	182.6	
MT	62	55	4.9	4.6	1.0	0.8	3.1	2.8	61.8	61.8	1.0	0.8	12.3	
ID	50	43	3.9	3.2	1.2	1.1	2.4	1.8	60.9	55.9	1.2	1.1	11.6	
WY	32	27	2.9	2.2	0.7	0.5	1.7	1.2	56.8	53.5	0.7	0.5	7.0	
CO	86	69	13.7	10.4	5.5	3.5	9.2	6.6	66.8	63.4	5.5	3.5	49.3	
NM	60	37	6.6	4.2	3.1	1.8	4.2	2.4	63.1	57.3	3.1	1.8	22.1	
AZ	91	61	13.3	9.9	4.6	2.7	8.5	6.2	64.2	62.4	4.6	2.7	45.5	
UT	52	42	5.6	4.4	2.7	2.4	3.4	2.6	60.8	58.8	2.7	2.4	20.7	
NV	31	21	4.2	3.4	1.6	1.1	2.5	2.0	60.4	59.5	1.6	1.1	14.0	
Pac	768	640	137.9	104.6	52.1	40.2	92.4	66.4	67.0	63.5	52.1	40.2	493.0	
WA	110	91	15.8	12.0	7.0	4.9	10.3	7.5	65.6	62.4	7.0	4.9	60.0	
OR	77	70	10.4	8.1	3.7	3.4	6.5	4.6	62.5	56.6	3.7	3.4	37.7	
CA	548	445	105.7	80.5	37.4	29.7	71.2	51.3	67.3	63.8	37.4	29.7	371.5	
AK	27	16	2.0	1.2	1.3	0.4	1.0	0.6	52.1	49.8	1.3	0.4	7.3	
HI	26	18	4.1	2.9	2.7	1.8	3.4	2.5	83.3	85.4	2.7	1.8	16.4	
P. Rico	56	50	9.8	8.1	0.4	0.4	6.4	5.2	65.7	63.6	3.7	3.1	29.1	

<sup>1</sup> For definition of community hospital, see footnotes 1 and 2, table 167. <sup>2</sup> Inpatients receiving treatment each day; excludes newborn. <sup>3</sup> Ratio of average daily census to every 100 beds. <sup>4</sup> Includes full-time equivalents of part-time personnel.

**No. 169. Hospital Use Rates, by Type of Hospital: 1972 to 1990**[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

TYPE OF HOSPITAL	1972	1980	1984	1985	1986	1987	1988	1989	1990
<b>Community hospitals:</b> <sup>1</sup>									
Admissions per 1,000 population <sup>2</sup>	147	159	149	140	134	130	128	131	131
Admissions per bed	35	37	35	33	33	33	33	33	34
Average length of stay <sup>3</sup> (days)	7.9	7.6	7.3	7.1	7.1	7.2	7.2	7.2	7.2
Outpatient visits per admission	1.8	5.6	6.0	6.5	7.2	7.8	8.6	9.2	9.7
Outpatient visits per 1,000 population <sup>2</sup>	257	890	896	916	962	1,009	1,095	1,199	1,265
Surgical operations (million)	14.8	18.8	19.9	20.1	20.5	20.8	21.4	21.3	21.9
Number per admission	0.5	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.7
<b>Non-Federal psychiatric:</b>									
Admissions per 1,000 population	2.8	2.5	2.4	2.5	2.5	2.6	2.8	3.0	3.0
Days in hospital per 1,000 population <sup>2</sup>	661	295	234	224	217	214	209	208	199

<sup>1</sup> For definition of community hospitals, see footnotes 1 and 2, table 167. <sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1. Estimates do not reflect revisions based on the 1990 Census of Population. <sup>3</sup> Number of inpatient days divided by number of admissions.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright); and unpublished data.**No. 170. Average Cost to Community Hospitals per Patient: 1970 to 1990**

[In dollars, except percent. Covers non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis hospitals and, beginning 1975, hospital units of institutions). Total cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.). Data have been adjusted for outpatient visits]

TYPE OF EXPENSE AND HOSPITAL	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989	1990
<b>Average cost per day, total</b>	74	134	245	369	411	460	501	539	586	637	687
Annual percent change	12.7	12.6	12.8	12.8	11.4	10.7	8.2	7.1	8.0	8.7	7.8
Nongovernmental nonprofit	75	133	246	374	415	463	504	544	591	642	692
For profit	71	133	257	385	438	500	552	585	649	708	752
State and local government	71	136	239	348	385	433	466	499	539	582	634
<b>Average cost per stay, total</b>	605	1,030	1,851	2,789	2,995	3,245	3,533	3,850	4,207	4,588	4,947
Nongovernmental nonprofit	615	1,040	1,902	2,869	3,073	3,307	3,590	3,914	4,273	4,649	5,001
For profit	486	876	1,676	2,518	2,749	3,033	3,342	3,617	4,023	4,406	4,727
State and local government	614	1,031	1,750	2,621	2,823	3,106	3,405	3,718	4,034	4,430	4,838

<sup>1</sup> For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown. For 1970, change from 1965.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright); and unpublished data.**No. 171. Average Cost to Community Hospitals per Patient, by State: 1985 to 1990**

[In dollars. See headnote, table 170]

STATE	AVERAGE COST PER DAY			AVERAGE COST PER STAY			STATE	AVERAGE COST PER DAY			AVERAGE COST PER STAY		
	1985	1989	1990	1985	1989	1990		1985	1989	1990	1985	1989	1990
<b>United States</b>	<b>460</b>	<b>637</b>	<b>687</b>	<b>3,245</b>	<b>4,584</b>	<b>4,947</b>	Missouri	457	624	679	3,383	4,644	5,022
Alabama	389	547	588	2,653	3,839	4,175	Montana	312	378	405	2,658	3,711	3,973
Alaska	693	996	1,070	3,742	5,855	6,249	Nebraska	347	442	490	2,892	4,283	4,675
Arizona	591	805	867	3,547	4,549	4,877	Nevada	677	841	854	3,953	5,286	5,511
Arkansas	381	496	534	2,292	3,430	3,730	New Hampshire	422	614	671	2,644	4,170	4,544
California	654	872	939	4,050	5,495	5,709	New Jersey	400	568	613	2,914	4,196	4,573
Colorado	486	689	725	3,221	4,681	5,209	New Mexico	501	683	734	2,837	4,064	4,172
Connecticut	502	763	825	3,610	5,822	6,238	New York	419	582	641	3,930	5,768	6,397
Delaware	474	713	771	3,357	4,852	5,112	North Carolina	356	549	595	2,416	4,032	4,408
Dist. of Columbia	612	844	995	4,962	6,604	7,876	North Dakota	322	396	427	2,918	4,172	4,468
Florida	494	718	768	3,381	4,964	5,312	Ohio	493	669	720	3,428	4,512	4,801
Georgia	386	577	630	2,501	3,920	4,303	Oklahoma	455	586	632	2,814	3,970	4,302
Hawaii	420	550	638	3,522	5,077	6,048	Oregon	549	743	800	2,879	4,143	4,432
Idaho	373	495	547	2,402	3,515	3,701	Pennsylvania	468	629	662	3,412	4,774	5,120
Illinois	498	665	717	3,607	4,899	5,253	Rhode Island	447	621	663	3,432	4,659	4,839
Indiana	446	615	667	2,942	4,091	4,390	South Carolina	358	534	590	2,508	3,732	4,168
Iowa	359	456	495	2,735	3,812	4,135	South Dakota	282	386	391	2,442	3,621	3,905
Kansas	401	477	532	2,954	3,745	4,161	Tennessee	397	584	633	2,709	4,022	4,340
Kentucky	367	520	563	2,323	3,420	3,762	Texas	461	685	752	2,799	4,264	4,663
Louisiana	475	658	701	2,842	4,190	4,575	Utah	556	774	832	2,799	4,188	4,409
Maine	394	524	574	2,870	4,207	4,604	Vermont	343	556	598	2,705	4,010	4,343
Maryland	443	624	678	3,237	4,280	4,640	Virginia	399	589	635	2,862	4,054	4,408
Massachusetts	500	730	788	4,194	5,558	5,709	Washington	546	746	817	3,062	4,262	4,519
Michigan	507	675	716	3,666	4,961	5,358	West Virginia	399	534	565	2,520	3,612	3,918
Minnesota	369	507	536	3,302	4,468	4,782	Wisconsin	392	523	554	2,974	3,529	4,083
Mississippi	319	413	439	2,037	2,882	3,116	Wyoming	367	432	462	2,357	3,497	3,990

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual, (copyright), and unpublished data.

**No. 172. Facilities and Services Provided by Community Hospitals: 1990**

[Community hospitals are non-federal short-stay (average length of stay fewer than 30 days) excluding hospital units of institutions. Data are for hospitals responding to that portion of the questionnaire—5,056 of a total of 5,384 hospitals]

SERVICE	Hospitals with service	Percent of total	SERVICE	Hospitals with service	Percent of total
Alcoholism/chemical dependency outpatient services	1,035	20.5	Psychiatric services:		
Birthing rooms	3,292	65.1	Emergency	1,698	33.6
Blood bank	3,493	69.1	Outpatient	989	19.6
Cardiac catheterization	1,390	27.5	Radiation therapy:		
Computed tomographic (CT) scanner	3,544	70.1	X-ray	983	19.4
Emergency department	4,728	93.5	Megavoltage (mil. volts)	994	19.7
Extracorporeal shock wave lithotripter	319	6.3	Radio-active implants	1,262	25.0
Genetic counseling services	495	9.8	Radio isotope facilities:		
Geriatric services	3,072	60.8	Diagnostic	3,173	62.8
Hemodialysis	1,347	26.6	Therapeutic	1,279	25.3
Histopathology laboratory	3,272	64.7	Rehabilitation outpatient department	2,606	51.5
Home health services	1,801	35.6	Reproductive health services	2,129	42.1
Hospice	817	16.2	Therapy services:		
Hospital auxiliary	4,152	82.1	Occupational therapy services	2,510	49.6
Magnetic resonance imaging (MRI)	919	18.2	Physical therapy services	4,271	84.5
Open-heart surgery facilities	847	16.8	Recreational therapy services	1,656	32.8
Organ tissue transplant	526	10.4	Respiratory therapy services	4,579	90.6
Outpatient department	4,309	85.2	Trauma center	651	12.9
Outpatient surgery services	4,788	94.7	Ultrasound	4,262	84.3
Patient representative services	2,688	53.2	Volunteer services department	3,427	67.8
			Women's center	1,045	20.7

Source: American Hospital Association, Chicago, IL, *Hospital Statistics, 1991-1992*, (copyright).

**No. 173. Hospital Utilization Rates, by Sex, 1970 to 1989, and Selected Characteristics, 1989**

[Represents estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability. For methodological details, see source. For composition of regions, see table 25.]

SELECTED CHARACTERISTIC	Patients discharged (1,000)	PATIENTS DISCHARGED PER 1,000 PERSONS <sup>1</sup>			DAYS OF CARE PER 1,000 PERSONS <sup>1</sup>			AVERAGE STAY (days)			Beds used per day <sup>2</sup>
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1970	29,127	144	118	169	1,122	982	1,251	8.0	8.7	7.6	321
1980	37,832	168	139	194	1,217	1,068	1,356	7.3	7.7	7.0	337
1983	38,783	167	139	193	1,155	1,024	1,278	6.9	7.4	6.6	316
1984	37,162	159	132	184	1,044	924	1,155	6.6	7.0	6.3	286
1985	35,056	148	124	171	954	849	1,053	6.5	6.9	6.2	261
1986	34,256	143	121	164	913	817	1,003	6.4	6.8	6.1	250
1987	33,387	138	116	159	889	806	968	6.4	6.9	6.1	244
1988 <sup>3</sup>	31,146	128	107	147	834	757	907	6.5	7.1	6.2	228
1989, <sup>3</sup> total	30,947	126	105	145	815	741	884	6.5	7.0	6.1	223
Age:											
Under 1 years old	791	201	233	166	1,210	1,346	1,068	6.0	5.8	6.4	332
1 to 4 years old	819	55	66	45	195	233	155	3.5	3.5	3.5	53
5 to 14 years old	987	28	31	25	142	162	120	5.0	5.3	4.7	39
15 to 24 years old	3,617	101	47	154	410	272	547	4.1	5.7	3.5	112
25 to 34 years old	4,969	115	56	173	523	370	673	4.5	6.6	3.9	143
35 to 44 years old	3,262	90	76	103	502	474	529	5.6	6.2	5.1	138
45 to 64 years old	6,271	135	143	128	904	962	850	6.7	6.7	6.6	248
65 to 74 years old	4,678	257	281	238	2,116	2,232	2,022	8.2	7.9	8.5	580
75 years old and over	5,552	434	485	405	4,087	4,507	3,861	9.4	7.3	9.5	1,120
Region:											
Northeast	7,044	139	123	154	1,070	986	1,146	7.7	8.0	7.4	293
Midwest	7,676	128	109	146	817	747	884	6.4	6.9	6.1	224
South	10,960	130	106	152	815	728	896	6.3	6.9	5.9	223
West	5,268	103	84	121	559	519	597	5.4	6.2	4.9	153

<sup>1</sup> Based on Bureau of the Census estimated civilian population as of July 1. Estimates do not reflect revisions based on the 1990 Census of Population. <sup>2</sup> Average daily number of beds occupied per 100,000 civilian population. <sup>3</sup> Comparisons of 1988 and 1989 data with data for earlier years should be made with caution as estimates of change may reflect improvements in the design rather than true changes in hospital use.

Source: U.S. National Center for Health Statistics, *Vital Health Statistics*, series 13, and unpublished data.

**No. 174. Hospital Discharges and Days of Care, by Sex, Age, and Diagnosis: 1989**

[See headnote, table 173]

AGE AND FIRST-LISTED DIAGNOSIS	DISCHARGES		Days of care per 1,000 persons <sup>1</sup>	Aver-age stay (days)	AGE AND FIRST-LISTED DIAGNOSIS	DISCHARGES		Days of care per 1,000 persons <sup>1</sup>	Aver-age stay (days)
	Num-ber (1,000)	Per 1,000 persons <sup>1</sup>				Num-ber (1,000)	Per 1,000 persons <sup>1</sup>		
<b>MALE</b>									
All ages . . . . .	12,583	105.3	740.7	7.0	All ages . . . . .	18,364	144.5	883.9	6.1
Diseases of heart . . . . .	1,892	15.8	107.3	6.8	Delivery . . . . .	3,937	31.0	90.2	2.9
Malignant neoplasms . . . . .	770	6.4	59.3	9.2	Diseases of heart . . . . .	1,642	12.9	93.5	7.2
Pneumonia, all forms . . . . .	544	4.6	35.5	7.8	Malignant neoplasms . . . . .	838	6.6	61.1	9.3
Fractures, all sites . . . . .	480	4.0	30.3	7.5	Fractures, all sites . . . . .	541	4.3	39.9	9.4
Cerebrovascular diseases . . . . .	344	2.9	29.6	10.3	Pneumonia, all forms . . . . .	489	3.8	32.3	8.4
Under 15 years <sup>2</sup> . . . . .	1,521	55.1	268.3	4.9	Under 15 years <sup>2</sup> . . . . .	1,077	40.9	198.6	4.9
Acute respiratory infection . . . . .	137	5.0	17.1	3.4	Pneumonia, all forms . . . . .	95	3.6	16.7	4.6
Pneumonia, all forms . . . . .	126	4.6	18.7	4.1	Acute respiratory infection . . . . .	78	3.0	10.4	3.5
Bronchitis, emphysema <sup>3</sup> . . . . .	115	4.2	12.2	2.9	Bronchitis, emphysema <sup>3</sup> . . . . .	64	2.4	6.8	2.8
Congenital anomalies . . . . .	83	3.0	14.5	4.8	Congenital anomalies . . . . .	53	2.0	12.6	6.2
Fractures, all sites . . . . .	77	2.8	15.0	5.4	Chronic disease of tonsils and adenoids . . . . .	48	1.8	2.1	1.2
15 to 44 years <sup>2</sup> . . . . .	3,405	59.8	371.5	6.2	15 to 44 years <sup>2</sup> . . . . .	8,443	144.9	588.2	4.1
Fractures, all sites . . . . .	241	4.2	25.8	6.1	Delivery . . . . .	3,926	67.4	196.2	2.9
Psychoses . . . . .	217	3.8	51.3	13.5	Pregnancy w/abortive outcome . . . . .	227	3.9	9.0	2.3
Diseases of heart . . . . .	146	2.6	13.9	5.4	Psychoses . . . . .	197	3.4	48.4	14.3
Lacerations and open wounds . . . . .	124	2.2	8.1	3.7	Benign neoplasms . . . . .	161	2.8	11.5	4.2
Intervertebral disc disorders . . . . .	122	2.1	9.4	4.4	Cholelithiasis . . . . .	142	2.4	11.4	4.7
45 to 64 years <sup>2</sup> . . . . .	3,179	142.8	962.1	6.7	45 to 64 years <sup>2</sup> . . . . .	3,092	127.9	850.0	6.6
Diseases of heart . . . . .	730	32.8	195.4	6.0	Diseases of heart . . . . .	386	16.0	95.4	6.0
Malignant neoplasms . . . . .	240	10.8	96.8	9.0	Malignant neoplasms . . . . .	273	11.3	92.2	8.2
Cerebrovascular diseases . . . . .	88	4.0	34.2	8.7	Benign neoplasms . . . . .	108	4.4	21.2	4.8
Fractures, all sites . . . . .	80	3.6	32.2	9.0	Cholelithiasis . . . . .	107	4.4	23.7	5.4
Intervertebral disc disorders . . . . .	78	3.5	18.1	5.2	Psychoses . . . . .	104	4.3	64.0	14.9
65 years old and older <sup>2</sup> . . . . .	4,478	354.4	3,047.0	8.6	65 years old and older <sup>2</sup> . . . . .	5,752	313.5	2,850.1	9.1
Diseases of heart . . . . .	1,007	79.7	603.6	7.6	Diseases of heart . . . . .	1,170	63.8	497.8	7.8
Malignant neoplasms . . . . .	447	35.4	335.6	9.5	Malignant neoplasms . . . . .	431	23.5	247.7	10.6
Pneumonia, all forms . . . . .	271	21.4	200.8	9.4	Cerebrovascular disease . . . . .	368	20.1	205.1	10.2
Cerebrovascular disease . . . . .	238	18.9	207.7	11.0	Fractures, all sites . . . . .	329	17.9	208.0	11.5
Hyperplasia of prostate . . . . .	193	15.3	64.2	5.5	Pneumonia, all forms . . . . .	261	14.2	139.6	9.8

<sup>1</sup> See footnote 1, table 173. <sup>2</sup> Includes other first-listed diagnoses, not shown separately. <sup>3</sup> Includes asthma.Source: U.S. National Center for Health Statistics, *Health, United States*, 1990, and unpublished data.**No. 175. Surgery Performed in Hospitals: 1980 to 1990**

[In thousands, except percent]

TYPE OF HOSPITAL	1980	1983	1984	1985	1986	1987	1988	1989	1990	Percent change 1980-90
<b>OUTPATIENT SURGERIES (1,000)</b>										
All hospitals . . . . .	3,198	4,969	5,803	7,309	8,705	9,758	10,586	10,953	11,678	265.2
Ownership:										
Non federal hospitals . . . . .	3,063	4,735	5,549	6,984	8,272	9,145	10,038	10,362	11,065	261.9
Community hospitals <sup>1</sup> . . . . .	3,054	4,715	5,530	6,951	8,247	9,126	10,028	10,351	11,070	262.5
Non governmental nonprofit . . . . .	2,416	3,677	4,319	5,392	6,265	6,903	7,577	7,834	8,369	247.2
Federal hospitals . . . . .	135	235	254	325	434	612	548	591	593	339.2
Size of hospital: 6 to 99 beds . . . . .	354	506	591	752	966	1,146	1,229	1,241	1,303	268.0
100 to 199 beds . . . . .	571	864	1,092	1,502	1,811	2,030	2,252	2,360	2,498	337.8
200 to 299 beds . . . . .	630	996	1,168	1,521	1,836	2,023	2,297	2,383	2,543	303.4
300 to 499 beds . . . . .	977	1,438	1,727	2,069	2,368	2,617	2,845	2,920	3,172	224.8
500 beds or more . . . . .	666	1,167	1,225	1,465	1,725	1,942	1,963	2,049	2,162	224.4
<b>OUTPATIENT SURGERIES AS PERCENT OF TOTAL</b>										
All hospitals . . . . .	16.4	23.9	27.8	34.5	40.3	44.2	47.0	48.7	50.6	(X)
Ownership:										
Non federal hospitals . . . . .	16.3	23.8	27.8	34.5	40.3	43.9	46.8	48.5	50.5	(X)
Community hospitals <sup>1</sup> . . . . .	16.3	23.8	27.8	34.6	40.3	43.8	46.8	48.5	50.5	(X)
Non governmental nonprofit . . . . .	17.1	24.6	28.8	35.5	40.8	44.2	47.0	48.6	50.7	(X)
Federal hospitals . . . . .	18.6	26.7	28.1	33.9	40.7	49.9	49.7	51.5	51.8	(X)
Size of hospital: 6 to 99 beds . . . . .	17.9	25.6	29.6	36.5	44.7	49.4	52.8	54.1	56.2	(X)
100 to 199 beds . . . . .	15.4	22.9	28.2	36.3	42.9	47.2	50.3	52.3	55.0	(X)
200 to 299 beds . . . . .	16.7	25.2	29.1	36.4	42.0	45.7	49.2	50.7	52.9	(X)
300 to 499 beds . . . . .	17.2	24.1	28.6	34.4	40.0	43.1	46.5	48.0	48.8	(X)
500 beds or more . . . . .	15.1	23.0	24.9	30.4	35.2	39.2	39.6	41.6	43.9	(X)

X Not applicable. <sup>1</sup> For definition of community hospital, see footnotes 1 and 2, table 167.Source: American Hospital Association, Chicago IL, *Hospital Statistics*, annual (copyright) and unpublished data from the Annual Survey of Hospitals.

# Hospital Discharges—Organ Transplants

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## No. 176. Procedures for Inpatients Discharged From Short-Stay Hospitals: 1980 to 1989

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 173]

SEX AND TYPE OF PROCEDURE	NUMBER OF PROCEDURES (1,000)					RATE PER 1,000 POPULATION <sup>2</sup>				
	1980	1985	1987	1988 <sup>1</sup>	1989 <sup>1</sup>	1980	1985	1987	1988 <sup>1</sup>	1989 <sup>1</sup>
<b>BOTH SEXES</b>										
<b>Surgical procedures, total<sup>3</sup></b>	<b>24,494</b>	<b>24,799</b>	<b>25,655</b>	<b>25,625</b>	<b>23,370</b>	<b>108.6</b>	<b>104.6</b>	<b>106.2</b>	<b>105.0</b>	<b>94.8</b>
Procedures to assist delivery <sup>4</sup>	2,391	2,494	2,938	3,131	2,446	10.6	10.5	12.2	12.8	9.9
Cesarean section	619	877	953	933	938	2.7	3.7	3.9	3.8	3.8
Cardiac catheterization	348	681	866	930	958	1.5	2.9	3.6	3.8	3.9
Reduction of fracture <sup>5</sup>	605	681	685	639	671	2.7	2.9	2.8	2.6	2.7
Repair of current obstetric laceration	355	548	660	690	762	1.6	2.3	2.7	2.8	3.1
Hysterectomy	649	670	655	578	541	2.9	2.8	2.7	2.4	2.2
<b>Diagnostic and other non-surgical procedures<sup>6</sup></b>	<b>6,918</b>	<b>11,961</b>	<b>13,463</b>	<b>13,567</b>	<b>16,672</b>	<b>30.7</b>	<b>50.5</b>	<b>55.7</b>	<b>55.6</b>	<b>67.6</b>
CAT scan	306	1,378	1,646	1,613	1,519	1.4	5.8	6.8	6.6	6.2
Diagnostic ultrasound	318	1,234	1,596	1,562	1,558	1.4	5.2	6.6	6.4	6.3
Angiocardiography and arteriography <sup>8</sup>	569	1,117	1,448	1,624	1,620	2.5	4.7	6.0	6.7	6.6
Radioisotope scan	525	838	759	704	635	2.3	3.5	3.1	2.9	2.6
Cystoscopy	867	645	593	542	467	3.8	2.7	2.5	2.2	2.0
<b>MALE</b>										
<b>Surgical procedures, total<sup>3</sup></b>	<b>8,505</b>	<b>8,805</b>	<b>9,073</b>	<b>9,069</b>	<b>8,886</b>	<b>78.1</b>	<b>76.8</b>	<b>77.6</b>	<b>76.7</b>	<b>74.4</b>
Cardiac catheterization	228	439	533	598	601	2.1	3.8	4.6	5.1	5.0
Prostatectomy	335	367	410	358	376	3.1	3.2	3.5	3.0	3.1
Reduction of fracture <sup>5</sup>	325	339	367	337	342	3.0	3.0	3.1	2.8	2.9
Repair of inguinal hernia	483	370	290	261	220	4.4	3.2	2.5	2.2	1.8
<b>Diagnostic and other non-surgical procedures<sup>6</sup></b>	<b>3,386</b>	<b>5,889</b>	<b>6,643</b>	<b>6,665</b>	<b>7,202</b>	<b>31.1</b>	<b>51.4</b>	<b>56.8</b>	<b>56.4</b>	<b>60.3</b>
Angiocardiography and arteriography <sup>8</sup>	355	693	868	995	1,000	3.3	6.0	7.4	8.4	8.4
CAT scan <sup>7</sup>	152	671	814	775	721	1.4	5.9	7.0	6.6	6.0
<b>FEMALE</b>										
<b>Surgical procedures, total<sup>3</sup></b>	<b>15,989</b>	<b>15,994</b>	<b>16,583</b>	<b>16,555</b>	<b>14,484</b>	<b>137.1</b>	<b>130.6</b>	<b>133.0</b>	<b>131.5</b>	<b>114.0</b>
Procedures to assist delivery <sup>4</sup>	2,391	2,494	2,938	3,131	2,446	20.5	20.4	23.6	24.9	19.2
Cesarean section	619	877	953	933	938	5.3	7.2	7.6	7.4	7.4
Repair of current obstetric laceration	355	548	660	690	762	3.0	4.5	5.3	5.5	6.0
Hysterectomy	649	670	655	578	541	5.6	5.5	5.3	4.6	4.3
<b>Diagnostic and other non-surgical procedures<sup>6</sup></b>	<b>3,532</b>	<b>6,072</b>	<b>6,820</b>	<b>6,902</b>	<b>9,471</b>	<b>30.3</b>	<b>49.6</b>	<b>54.7</b>	<b>54.8</b>	<b>74.5</b>
Diagnostic ultrasound	204	756	981	963	930	1.7	6.2	7.9	7.5	7.3
CAT scan	154	707	833	838	798	1.3	5.8	6.7	6.7	6.3

<sup>1</sup> Comparisons of 1988 and 1989 data with data for earlier years should be made with caution as estimates of change may reflect improvements in the design rather than true changes in hospital use. <sup>2</sup> Based on Bureau of the Census estimated civilian population as of July 1. Population estimates do not reflect revised estimates based on the 1990 Census of Population.

<sup>3</sup> Includes other types of surgical procedures not shown separately. <sup>4</sup> Beginning in 1989, the definition of some surgical and diagnostic and other non-surgical procedures was revised, causing a discontinuity in the trends for some totals. <sup>5</sup> Excluding skull, nose, and jaw. <sup>6</sup> Includes other non-surgical procedures not shown separately. <sup>7</sup> Computerized axial tomography.

<sup>8</sup> Using contrast material.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13, and unpublished data.

## No. 177. Organ Transplants and Grafts: 1981 to 1990

[As of end of year. Based on reports of procurement programs and transplant centers in the United States]

PROCEDURE	NUMBER OF PROCEDURES							NUMBER OF CENTERS		Number of people waiting, 1990	One-year survival rates, 1989 (percent)
	1981	1985	1986	1987	1988	1989	1990				
Transplant:											
Heart	62	719	1,368	1,512	1,647	1,673	1,998	8	148	1,796	82
Liver	26	602	924	1,199	1,680	2,160	2,534	1	85	1,248	65
Kidney	4,883	7,695	976	8,967	9,123	8,890	9,433	157	232	17,955	92
Heart-lung	5	30	45	41	74	67	52	(NA)	79	226	55
Lung	-	2	-	11	31	89	187	(NA)	68	309	45
Pancreas/Islet cell	(NA)	130	140	180	243	413	529	(NA)	83	474	45
Cornea grafts	15,500	26,300	28,000	35,930	36,900	38,464	40,631	107	(NA)	(NA)	295
Bone grafts	(NA)	(NA)	200,000	250,000	300,000	(NA)	350,000	(NA)	75	(NA)	(NA)
Skin grafts	(NA)	(NA)	2,000	5,000	5,200	(NA)	5,500	(NA)	25	(NA)	(NA)

- Represents zero. NA Not available. <sup>1</sup> Eye banks. <sup>2</sup> Success rate.

Source: U.S. Department of Health and Human Services, Public Health Service, Division of Organ Transplantation, American Association of Tissue Banks, McLean, VA, and Eye Bank Association of America, Washington, DC, and unpublished data.

**No. 178. Patients Discharged From Hospitals—Principal Source of Expected Payment, by Selected Characteristic: 1989**

[Covers non-Federal short-stay hospitals. Discharges excludes newborn infants. Based on the National Hospital Discharge Survey. See headnote, table 173. For composition of regions, see table 25]

CHARACTERISTIC	Total dis- charges <sup>1</sup> (1,000)	PRINCIPAL SOURCE OF EXPECTED PAYMENT— PERCENT DISTRIBUTION							
		Private insurance	Government				Self-pay	No charge	Other <sup>2</sup>
			Medi- care	Medi- caid	Worker's compen- sation	Other			
<b>AGE</b>									
All ages . . . . .	30,947	36.9	34.2	10.4	1.8	2.2	5.6	0.4	3.8
Under 15 years old . . . . .	2,597	51.4	4.1	24.0	(X)	3.2	8.5	1.1	5.0
15 to 44 years old . . . . .	11,848	54.8	3.4	16.7	2.6	3.2	9.5	0.6	5.5
45 to 64 years old . . . . .	6,271	61.1	13.3	7.8	2.3	2.9	5.1	0.3	4.2
65 years old and over . . . . .	10,230	3.6	90.4	1.1	1.1	0.4	0.7	(*)	1.3
<b>SEX</b>									
Male, all ages . . . . .	12,583	36.8	37.6	7.3	3.1	2.2	6.1	0.5	3.7
Under 15 years old . . . . .	1,521	50.7	4.8	24.1	(X)	3.2	8.7	1.1	4.7
15 to 44 years old . . . . .	3,405	50.6	5.7	9.9	6.8	3.6	13.0	0.9	5.1
45 to 64 years old . . . . .	3,179	60.8	15.2	5.3	3.1	2.7	5.3	0.3	4.5
65 years old and over . . . . .	4,478	4.5	88.9	0.9	1.3	0.5	0.6	(*)	1.6
Female, all ages . . . . .	18,364	40.3	31.9	12.5	0.9	2.2	5.3	0.3	3.9
Under 15 years old . . . . .	1,077	52.3	3.0	23.8	(X)	3.2	8.3	1.2	5.3
15 to 44 years old . . . . .	8,443	56.5	2.5	19.4	0.9	3.0	8.2	0.4	5.6
45 to 64 years old . . . . .	3,092	61.5	11.4	10.4	1.4	3.0	4.9	0.3	3.9
65 years old and over . . . . .	5,752	2.8	91.6	1.2	0.9	0.3	0.7	(*)	1.1
<b>RACE</b>									
White . . . . .	22,678	40.8	37.4	6.8	2.0	1.8	4.7	0.3	3.7
All other . . . . .	4,867	30.3	22.1	25.7	1.2	3.6	8.6	1.3	4.2
Not stated . . . . .	3,402	38.6	30.5	12.3	1.5	3.2	7.5	(*)	3.9
<b>GEOGRAPHIC REGION</b>									
Northeast . . . . .	7,044	39.4	33.4	11.1	2.1	1.2	6.0	0.3	4.3
Midwest . . . . .	7,676	39.5	24.3	9.9	2.3	1.7	4.3	0.3	5.4
South . . . . .	10,960	38.6	34.8	10.1	1.5	2.6	6.5	0.7	1.7
West . . . . .	5,268	37.8	33.9	10.7	1.4	3.4	5.0	(*)	5.0

X Not applicable. <sup>1</sup> Includes discharges for whom expected source of payment was unknown. <sup>2</sup> Includes all other nonprofit source of payment such as church, welfare, or United Way. <sup>3</sup> Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

**No. 179. Nursing and Related Care Facilities: 1971 to 1989**

ITEM	Unit	1971	1973	1976	1978	1980	1982	1984	1986	1989
Nursing and related care: <sup>1</sup>										
Facilities . . . . .	Number	22,004	21,834	20,468	218,722	323,065	425,849	(NA)	425,648	(NA)
Beds . . . . .	1,000	1,202	1,328	1,415	21,349	31,537	41,642	(NA)	41,709	(NA)
Resident patients . . . . .	1,000	1,076	1,198	1,293	21,240	31,396	41,493	(NA)	41,553	(NA)
Employees, full-time . . . . .	1,000	568	636	653	2,664	2,798	(NA)	(NA)	(NA)	(NA)
Per 1,000 patients . . . . .	Rate	528	531	505	2,535	3,571	(NA)	(NA)	(NA)	(NA)
Skilled nursing facilities: <sup>6</sup>	Number	4,277	3,970	3,922	4,745	5,052	5,408	5,952	6,897	8,198
Beds . . . . .	1,000	307	287	309	408	436	488	530	(NA)	491
Per 1,000 Medicare enrollees <sup>6</sup> . . . . .	Rate	15.1	13.5	13.7	17.3	17.7	19.1	19.9	(NA)	16.8

NA Not available. <sup>1</sup> Covers nursing homes with 3 beds or more and all other places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. 1971-1984 based on National Master Facility Inventory. Some changes in data beginning 1976 may be due to dependence on State collection. 1986 data based on the 1986 Inventory of Long Term Care Places. Data may not be strictly comparable with previous years. <sup>2</sup> Includes 1976 data for California, District of Columbia, New York, and North Carolina. <sup>3</sup> Excludes hospital-based nursing homes and includes 1978 data for Alaska and South Dakota. <sup>4</sup> Excludes hospital-based nursing homes. <sup>5</sup> Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare Participating Providers and Suppliers of Health Services, 1980*; and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons. <sup>6</sup> Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual through 1976 and 1978; 1982 and 1986, *Advance Data from Vital and Health Statistics*, No. 111 and No. 147, and unpublished data.

## No. 180. Nursing and Related Care Facilities—Selected Characteristics: 1986

[Excludes hospital-based nursing homes. Based on the 1986 Inventory of Long-Term Care Places. For composition of regions, see table 25]

CHARACTERISTIC	TOTAL FACILITIES				NURSING HOMES <sup>1</sup>				RESIDENTIAL FACILITIES <sup>2</sup>			
	Homes	Beds (1,000)	Average number of beds	Occu- pancy rate	Homes	Beds (1,000)	Average number of beds	Occu- pancy rate	Homes	Beds (1,000)	Average number of beds	Occu- pancy rate
<b>Total</b>	<b>25,646</b>	<b>1709.2</b>	<b>67</b>	<b>91.0</b>	<b>16,388</b>	<b>1,507.4</b>	<b>92</b>	<b>91.7</b>	<b>9,258</b>	<b>201.6</b>	<b>22</b>	<b>85.4</b>
Northeast	4,863	373.8	77	93.7	2,949	317.5	108	94.8	1,015	56.3	29	87.6
Midwest	7,474	539.8	72	90.7	5,383	506.7	94	91.2	2,081	33.1	16	84.4
South	7,311	516.5	71	90.1	5,008	464.0	93	90.5	2,303	52.5	23	86.4
West	5,998	279.1	47	89.4	3,039	219.2	72	91.1	2,959	59.9	20	83.1
Government	1,045	106.6	102	93.0	789	99.7	126	93.6	256	6.8	27	85.3
Proprietary	20,223	1235.4	61	90.5	12,336	1,079.0	87	91.3	7,887	156.5	20	85.1
Nonprofit	4,378	367.2	84	91.8	3,263	328.7	101	92.4	1,115	39.5	35	86.5
3 to 9 beds	5,918	32.6	6	82.8	1,340	7.2	5	82.6	4,578	25.5	6	82.9
10 to 24 beds	3,695	58.1	16	86.3	1,069	18.2	17	87.6	2,626	39.9	15	85.7
25 to 49 beds	3,135	115.5	37	89.5	2,061	77.8	38	90.8	1,074	37.6	35	86.8
50 to 74 beds	3,470	208.7	60	92.0	3,037	182.7	60	92.8	433	26.0	60	87.6
75 to 99 beds	2,526	221.6	88	92.1	2,395	205.4	88	92.5	191	16.3	85	86.5
100 to 199 beds	5,755	756.2	131	91.1	5,468	717.6	131	91.5	287	38.6	135	84.8
200 to 299 beds	858	198.2	231	90.8	804	186.1	231	91.3	54	12.1	225	82.9
300 to 499 beds	239	84.9	355	91.2	225	80.1	356	92.1	14	4.8	340	76.9
500 beds or more	50	33.4	667	95.0	49	32.3	659	94.8	1	1.1	1050	99.7
Certification:												
Medicare or												
Medicaid												
(skilled nursing facility)	8,045	984.1	122	92.9	8,045	984.1	122	92.9	-	-	-	-
Medicaid (intermediate care facility) <sup>3</sup>	5,375	411.5	77	90.3	5,375	411.5	77	90.3	-	-	-	-
Not certified nursing home	2,968	111.8	38	86.3	2,968	111.8	38	86.3	-	-	-	-
Residential facilities	9,258	201.8	22	85.4	(X)	(X)	(X)	(X)	9,258	201.8	22	85.4

<sup>-</sup> Represents zero. <sup>X</sup> Not applicable. <sup>1</sup> These facilities have three or more beds and provide to adults who require it either (a) nursing care or (b) personal care (such as help with bathing, eating, using toilet facilities, or dressing) and/or supervision over such activities as money management, walking, and shopping. <sup>2</sup> These facilities offer no nursing services and provide only personal care or supervisory care. <sup>3</sup> Facilities certified as both skilled nursing facilities and intermediate care facilities have been classified as skilled nursing facilities.

Source: U.S. National Center for Health Statistics, *Advance Data From Vital and Health Statistics*, No. 147 and unpublished data.

## No. 181. Residential Facilities for Persons with Mental Retardation: 1970 to 1989

[For years ending June 30. Persons with mental retardation refers to those who have been so designated by State governments in the process of placing them into residential facilities]

ITEM	STATE OPERATED FACILITIES <sup>1</sup>					PRIVATE FACILITIES <sup>3</sup>			
	1970	1980 <sup>2</sup>	1985 <sup>2</sup>	1988 <sup>2</sup>	1989 <sup>2</sup>	1977	1982	1988	1989
Number of facilities <sup>4</sup>	190	394	881	1,177	1,305	10,219	14,605	35,365	38,657
Residents beginning of year	189,956	148,734	117,101	102,390	99,267	(NA)	(NA)	(NA)	(NA)
Admissions <sup>5</sup>	14,985	14,064	7,713	6,928	6,518	22,363	22,431	(NA)	(NA)
Deaths in institutions	3,496	2,142	1,537	1,373	1,205	891	920	(NA)	(NA)
Live releases <sup>6</sup>	14,702	16,225	10,310	7,683	7,479	12,384	12,999	(NA)	(NA)
Residents end of year	186,743	140,230	112,183	99,327	94,268	89,120	115,032	171,275	180,023
Rate per 100,000 population <sup>7</sup>	92.5	62.2	47.5	40.9	38.5	40.9	50.0	70.5	73.4
Average daily residents	187,897	136,304	111,791	99,095	96,171	(NA)	(NA)	(NA)	(NA)
Maintenance expenditures per day per average daily resident (dollars) <sup>8</sup>	13	68	122	157	184	9 <sup>19</sup>	9 <sup>37</sup>	(NA)	(NA)

<sup>NA</sup> Not available. <sup>1</sup> Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. <sup>2</sup> Includes data for 142 facilities in 1980, 121 facilities in 1985, 122 in 1988, and 123 in 1989 operated as mental hospitals or other care facilities and which have residents with mental retardation. The average daily number of residents with mental retardation in these facilities was 8,240 in 1980, 5,602 in 1985, 1,933 in 1988, and 1,605 in 1989. <sup>3</sup> A privately-operated living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single-family homes providing services to a relative, and nursing homes, boarding homes, and foster homes not formally licensed or contracted as mental retardation service providers. <sup>4</sup> Beginning 1985, reflects the development of a large number of community based State-operated facilities which were developed in the early 1980's. <sup>5</sup> Includes readmissions and excludes transfers. Excludes people entering newly opened facilities. <sup>6</sup> 1970, represents excess of residents released alive from facility over those returning to facility. Beginning 1980, total live releases. <sup>7</sup> 1970, represents excess of residents released alive from facility over those returning to facility. Beginning 1980, total live releases. <sup>8</sup> Based on Bureau of the Census estimated civilian population as of July 1. Estimates reflect revisions based on 1990 Census of Population. <sup>9</sup> Reporting facilities only; includes salaries and wages, purchased provisions, fuel, light, water, etc. <sup>10</sup> Represents average daily reimbursement rate per resident.

Source: State-operated facilities: 1970, U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, and unpublished data; 1980 through 1988, Center for Residential Services and Community Living (CRSCL), Institute on Community Integration, UAP, University of Minnesota, Minneapolis, MN; White, Lakin, Bruininks, and Bruininks, Report No. 30; 1989: MN, White, MN, White, Lakin, Bruininks, and Li, Report No. 33; 1989: Private facilities: CRSCL, Lakin, White, Prouty, Bruininks and Kimm, Brief Report No. 35, and unpublished data.

## Health and Nutrition

**No. 182. Mental Retardation Facilities—Summary, by Selected Characteristics: 1986**

[Mental retardation (MR) facilities include intermediate care facilities (ICF-MR), foster homes, group residences, semi-independent living programs, State institutions and other kinds of MR places. Based on the 1986 Inventory of Long-Term Care Places. For an explanation of mental retardation, see table 181. For details, see source. For composition of regions, see table 25]

CHARACTERISTIC	FACILITIES		BEDS		RESIDENTS						Average number of residents	
	Number	Percent distribution	Number	Percent distribution	Number			Percent distribution				
					Total <sup>1</sup>	Black	Hispanic <sup>2</sup>	Total <sup>1</sup>	Black	Hispanic <sup>2</sup>		
<b>Total</b> .....	<b>14,639</b>	<b>100.0</b>	<b>269,954</b>	<b>100.0</b>	<b>250,472</b>	<b>29,442</b>	<b>10,181</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>17</b>	
<b>BED SIZE</b>												
1 to 5 beds .....	5,115	34.9	17,099	6.3	15,234	1,726	623	6.1	5.9	6.1	3	
6 to 9 beds .....	5,491	37.5	37,318	13.8	34,815	3,159	1,587	13.9	10.7	15.6	6	
10 to 15 beds .....	2,097	14.3	24,991	9.3	23,444	1,950	937	9.4	6.6	9.2	11	
16 to 99 beds .....	1,531	10.5	58,050	21.5	54,090	5,485	2,333	21.6	18.6	22.9	35	
100 beds or more .....	405	2.8	132,496	49.1	122,889	17,122	4,701	49.1	58.2	46.2	303	
100 to 199 beds .....	198	1.4	26,206	9.7	24,539	3,698	995	9.8	12.6	9.8	124	
200 to 499 beds .....	126	0.9	41,331	15.3	38,322	4,904	1,465	15.3	16.7	14.4	304	
500 beds or more .....	81	0.6	64,859	24.1	60,028	8,520	2,241	24.0	28.9	22.0	741	
<b>GEOGRAPHIC REGION</b>												
Northeast .....	3,806	26.0	65,812	24.4	61,707	5,634	1,578	24.6	19.1	15.5	16	
Midwest .....	4,741	32.4	83,067	30.8	77,193	6,438	1,079	30.8	21.9	10.6	16	
South .....	2,380	16.3	71,887	26.6	66,767	14,538	2,668	26.7	49.4	26.2	28	
West .....	3,712	25.4	49,188	18.2	44,805	2,832	4,856	17.9	9.6	47.7	12	
<b>TYPE OF OWNERSHIP</b>												
Profit .....	6,330	43.2	66,536	24.6	60,560	6,503	3,495	24.2	22.1	34.3	10	
Nonprofit .....	6,396	43.7	78,935	29.2	75,193	6,938	2,316	30.0	23.6	22.7	12	
Government .....	1,913	13.1	124,483	46.1	114,719	16,001	4,370	45.8	54.3	42.9	6	

<sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. National Center for Health Statistics, *Advance Data*, No. 143, September 1987.

**No. 183. Mental Health Facilities—Summary by Type of Facility: 1986**

[Facilities, beds and inpatients as of yearend 1986; other data are for calendar year or fiscal year ending in a month other than December since facilities are permitted to report on either a calendar or fiscal year basis. Excludes private psychiatric office practice and psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration. Excludes data from Puerto Rico, Virgin Islands, Guam, and other territories]

TYPE OF FACILITY	Number of facilities	INPATIENT BEDS		INPATIENTS		Average daily inpatients (1,000)	Inpatient care episodes <sup>2</sup> (1,000)	EXPENDITURES		Patient care staff <sup>4</sup> (1,000)
		Total (1,000)	Rate <sup>1</sup>	Total (1,000)	Rate <sup>1</sup>			Total (mil. dol.)	Per capita <sup>3</sup> (dol.)	
<b>Total</b> .....	<b>4,941</b>	<b>272.0</b>	<b>112.0</b>	<b>228.0</b>	<b>93.9</b>	<b>227.9</b>	<b>2,232.3</b>	<b>23,071</b>	<b>95</b>	<b>382.0</b>
Mental hospitals:										
State and county .....	286	106.8	44.0	100.3	41.3	99.5	407.5	6,990	29	116.9
Private <sup>5</sup> .....	886	67.6	27.8	52.9	21.8	52.9	457.6	5,915	24	87.0
General hospitals .....	1,486	48.5	20.0	34.9	14.4	36.0	914.0	3,617	15	61.8
Veterans Administration .....	138	25.7	10.6	19.5	8.0	19.6	265.7	1,290	5	21.6
Free-standing psychiatric outpatient services <sup>6</sup> .....	757	(X)	(X)	(X)	(X)	(X)	(X)	668	3	11.1
Other <sup>7</sup> .....	1,388	23.4	9.6	20.4	8.4	19.9	187.5	4,591	19	83.6

<sup>1</sup> Not applicable. <sup>2</sup> Rate per 100,000 population. Based on Bureau of Census estimated civilian population as of July 1. Estimates reflect revisions based on the 1990 Census of Population. <sup>3</sup> "Inpatient care episodes" is defined as the number of residents in inpatient facilities at the beginning of the year plus the total additions to inpatient facilities during the year. <sup>4</sup> Based on Bureau of the Census estimated civilian population as of July 1. Estimates reflect revisions based on the 1990 Census of Population. <sup>5</sup> Full-time equivalent. <sup>6</sup> Includes residential treatment centers for emotionally disturbed children. <sup>7</sup> Non-Federal hospitals with separate psychiatric services. <sup>8</sup> Includes Veterans Administration (VA) neuropsychiatric hospitals, VA general hospitals with separate psychiatric settings and VA freestanding psychiatric outpatient clinics. <sup>9</sup> Includes mental health facilities which provide only psychiatric outpatient services. <sup>10</sup> Includes other multiservice mental health facilities with two or more settings, which are not elsewhere classified, as well as freestanding partial care facilities which only provide psychiatric partial care services. Number of facilities, expenditures, and staff data also include freestanding psychiatric partial care facilities.

Source: U.S. National Institute of Mental Health, *Statistical Note series*; and unpublished data. (Data collected biennially.)

**No. 184. Persons Injured, by Sex, 1970 to 1988, and by Age and Place, 1989**

[Covers civilian noninstitutional population and comprises incidents leading to restricted activity and/or medical attention. Beginning 1982, data not strictly comparable with other years. See headnote, table 188. Based on National Health Interview Survey; see Appendix III.]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION			AGE AND PLACE	PERSONS INJURED (millions)			RATE PER 100 POPULATION		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1970 ..	56.0	31.8	24.2	26.0	33.0	23.3	1989, total <sup>1</sup>	58.0	31.7	26.3	23.8	26.9	20.9
1975 ..	71.9	39.4	32.5	34.4	39.1	30.0	Under 5 years .....	4.2	(NA)	(NA)	22.2	(NA)	(NA)
1978 ..	67.5	38.1	29.4	31.6	36.9	26.6	5 to 17 years .....	12.8	(NA)	(NA)	28.4	(NA)	(NA)
1979 ..	69.1	40.2	28.9	32.0	38.6	25.9	18 to 44 years .....	28.9	16.1	12.7	27.7	31.6	23.9
1980 ..	68.1	39.0	29.1	31.2	37.1	25.8	45 years and over .....	12.1	5.2	7.0	16.1	15.1	16.9
1982 ..	60.0	32.4	27.6	26.4	29.6	23.4	Home .....	17.6	8.2	8.3	7.2	7.8	6.7
1983 ..	61.1	33.0	26.1	26.6	29.8	23.7	Street or						
1984 ..	61.1	33.7	27.4	26.4	30.1	22.9	highway .....	8.3	4.2	4.1	3.4	3.6	3.2
1985 ..	62.6	34.6	28.0	26.8	30.6	23.1	Industrial .....	8.3	6.0	2.3	3.4	5.1	1.8
1986 ..	62.4	34.0	28.4	26.4	29.8	23.3	Other .....	14.2	8.6	5.7	5.9	7.3	4.5
1987 ..	62.1	33.6	28.4	26.0	29.1	23.1							
1988 ..	59.2	32.4	26.8	24.6	27.7	21.6							

NA Not available. <sup>1</sup> Includes unknown place of accident, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 176, and unpublished data.

**No. 185. Injuries Associated With Consumer Products: 1988 and 1989**

[Estimates calculated from a representative sample of hospitals with emergency treatment departments in the United States and its territories. Product involvement does not necessarily mean the product caused the accident. Data were selected from the U.S. Consumer Product Safety Commission's National Electronic Injury Surveillance System]

PRODUCT	1988	1989	PRODUCT	1988	1989
Home maintenance:			Housewares:		
Noncaustic cleaning equip. <sup>1</sup>	19,338	19,328	Cookware, pots, pans .....	29,226	29,888
Cleaning agents (except soap)	36,344	35,673	Cutlery, knives, unpowered .....	337,464	335,083
Drain, oven cleaners, caustics	(NA)	10,006	Drinking glasses .....	114,923	114,682
Paints, solvents, lubricants	21,928	17,649	Scissors .....	19,566	21,144
Misc. household chemicals	14,348	17,128	Small kitchen appliances .....	35,484	36,945
Home workshop equipment:			Tableware and accessories .....	114,628	106,400
Batteries .....	12,080	11,967	Misc. housewares .....	51,383	48,685
Hoists, lifts, jacks .....	15,165	10,899	General household appliances:		
Power home tools, except saws .....	24,208	22,002	Cooking ranges, ovens etc .....	41,442	41,727
Power home workshop saws .....	64,232	71,074	Irons, clothes steamers .....	18,805	18,193
Welding, soldering, cutting tools .....	13,940	15,276	Refrigerators, freezers .....	26,615	31,630
Wires, cords, not specified .....	14,298	11,361	Washers, dryers .....	19,075	19,108
Workshop manual tools .....	99,016	88,813	Misc. household appliances .....	22,124	26,356
Misc. workshop equipment .....	33,726	33,561	Heating, cooling equipment: <sup>5</sup>		
Yard and garden equipment:			Chimneys, fireplaces .....	14,682	14,355
Chains and saws .....	36,145	37,278	Fans (except stove) .....	19,384	15,866
Hand garden tools .....	35,427	29,988	Heating stoves, space heaters .....	30,992	32,458
Trimmers, small power tools <sup>2</sup>	(NA)	12,150	Pipes, heating and plumbing .....	24,188	24,744
Hatchets, axes .....	16,458	15,013	Radiators .....	17,976	18,103
Lawn garden care equipment .....	39,421	38,636	Home entertainment equipment:		
Lawn mowers .....	53,830	61,864	Pet supplies, equipment .....	13,576	17,845
Other power lawn equipment .....	15,300	13,556	Sound recording equip. <sup>6</sup> .....	37,440	35,006
Household packaging and containers:			Television sets .....	31,754	34,949
Cans, other containers .....	183,023	179,484	Misc. hobby equipment .....	11,868	11,955
Glass bottles, jars .....	67,439	71,058	Personal use items:		
Paper, cardboard, plastic products .....	34,174	32,670	Cigarettes, lighters, fuels .....	20,878	21,092
Home furnishing:			Clothing .....	115,058	102,397
Bath tub, shower structures .....	121,600	125,829	Grooming devices .....	25,680	27,013
Beds, mattresses, pillows .....	299,222	302,190	Holders for personal items .....	14,895	12,799
Carpets, rugs .....	82,235	87,739	Jewelry .....	43,087	43,868
Chairs, sofas, sofa beds .....	291,446	305,896	Paper money, coins .....	29,418	28,745
Desks, cabinets, shelves, racks .....	166,661	164,451	Pencils, pens, other desk supplies .....	42,130	42,407
Electric fixtures, lamps, equipment .....	40,517	38,787	Razors, shavers, razor blades .....	36,122	35,401
Ladders, stools .....	128,818	131,551	Sewing equipment .....	29,996	27,629
Mirrors, mirror glass .....	23,013	21,630	Sports and recreation equipment:		
Sinks, toilets .....	42,016	43,162	Barbecue grills, stoves, equipment .....	13,299	13,324
Tables .....	269,255	266,268	Bicycles, accessories .....	525,027	514,738
Misc. covers, fabrics .....	14,545	(NA)	Exercise equipment .....	65,029	67,028
Other misc. accessories .....	39,417	40,287	Horseback riding .....	43,820	(NA)
Home structures, construction:			Mopeds, minibikes, ATVs <sup>7</sup> .....	112,571	106,792
Cabinets or door hardware .....	17,209	17,993	Nonpowder guns, BB's, pellets .....	22,240	24,044
Ceilings, walls, inside panels .....	186,328	189,317	Playground equipment .....	204,726	210,236
Counters, counter tops .....	23,088	27,121	Skateboards .....	80,242	65,819
Fences .....	113,331	105,919	Toboggans, sleds, snow disks, etc .....	28,818	35,008
Glass doors, windows, panels .....	176,393	182,725	Trampolines .....	13,944	15,866
Handrails, railings, banisters .....	35,899	37,284	Miscellaneous products:		
Nails, carpet tacks, etc .....	220,640	214,123	Dollies, carts .....	32,604	35,563
Nonglass doors, panels .....	281,649	281,310	Elevators, other lifts .....	11,539	14,198
Porches, open side floors, etc .....	92,508	92,840	Fireworks, flares .....	10,330	9,800
Stairs, ramps, landings, floors .....	1,477,887	1,450,421	Gasoline and diesel fuels .....	15,964	13,534
Window, door sills, frames .....	41,457	44,373	Toys .....	141,755	147,898
Misc. construction materials .....	59,829	67,711			

NA Not available. <sup>1</sup> Includes detergent. <sup>2</sup> Includes garden tools. <sup>3</sup> Includes accessories.

<sup>4</sup> Includes materials. <sup>5</sup> Includes ventilating equipment. <sup>6</sup> Includes reproducing equipment. <sup>7</sup> All-terrain vehicles.

Source: National Safety Council, Itasca, IL, *Accident Facts*, annual, (copyright).

## Health and Nutrition

**No. 186. Costs of Accidents: 1990**

[Covers costs for accidents in which deaths or disabling injuries beyond the day of the accident occurred, together with vehicle accidents and fires]

COST	AMOUNT (bill. dol.)					PERCENT DISTRIBUTION				
	Total <sup>1</sup>	Motor vehicle	Work	Home	Other	Total <sup>1</sup>	Motor vehicle	Work	Home	Other
<b>Total</b>	<b>173.8</b>	<b>89.0</b>	<b>63.8</b>	<b>23.5</b>	<b>13.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Wage loss <sup>2</sup>	48.2	25.2	10.2	7.9	7.2	27.7	28.3	16.0	33.6	53.7
Medical expense	28.4	6.2	8.7	10.0	4.1	16.3	7.0	13.6	42.6	30.6
Insurance administration <sup>3</sup>	30.1	22.3	10.3	1.0	0.7	17.3	25.1	16.1	4.3	5.2
Fire loss	9.7	(NA)	3.7	4.6	1.4	5.6	(NA)	5.8	19.6	10.4
Motor vehicle property damage	28.2	28.2	1.7	(NA)	(NA)	16.2	31.7	2.7	(NA)	(NA)
Uninsured work loss <sup>4</sup>	29.2	7.1	29.2	(NA)	(NA)	16.8	8.0	45.8	(NA)	(NA)

NA Not available. <sup>1</sup> Excludes duplication between work and motor vehicle (\$15.9 billion). <sup>2</sup> Actual wage losses, the present value of future earnings lost, and the replacement-cost value of household services of employed persons and householders. <sup>3</sup> The difference between premiums paid to companies and the claims paid by them. <sup>4</sup> The value of time lost by noninjured workers (e.g., giving first aid).

Source: National Safety Council, Itasca, IL, *Accident Facts, 1991*, (copyright).

**No. 187. Injury, Medical Care, Morbidity, and Mortality Costs, by Sex, Age, and Cause: 1985**

[An injury consists of damage to tissue caused by the exchange of kinetic, thermal, chemical, electrical or radiation energy at levels intolerable to tissue, or the deprivation of oxygen due to suffocation. For explanation of methodology, see source]

AGE, CAUSE, AND SEX	INJURY MEDICAL CARE AND MORBIDITY LOSSES					INJURY MORTALITY LOSSES				
	Number in- jured <sup>1</sup> (1,000)	Life years lost <sup>2</sup>		Lifetime costs <sup>4</sup> <sup>5</sup>		Deaths, num- bers (1,000)	Life years lost <sup>2</sup>		Lifetime costs <sup>5</sup> <sup>7</sup>	
		Total (1,000)	Rate <sup>3</sup>	Total (mil. dol.)	Per injured person (dol.)		Total (1,000)	Per death	Total (mil. dol.)	Per death (dol.)
Total	56,716	5,086	9.0	108,241	1,908	155,665	5,285	34.0	49,374	317,189
Age: Under 4 years old	4,066	470	11.6	3,152	775	4,434	320	72.2	978	220,081
5 to 14 years old	10,184	822	8.1	8,028	788	5,992	337	56.2	1,670	278,754
15 to 24 years old	12,721	1,388	10.9	24,266	1,908	33,898	1,658	48.9	14,876	438,884
25 to 44 years old	18,015	1,314	7.3	40,930	2,272	51,579	2,045	39.6	24,891	482,583
45 to 64 years old	7,344	476	6.5	17,833	2,428	27,854	625	22.4	6,138	220,375
65 years old and over	4,386	616	14.0	14,031	3,199	31,910	300	9.4	822	25,771
Cause: Motor vehicles	5,326	1,173	22.0	30,245	5,679	52,375	1,952	37.3	18,438	352,042
Falls	12,276	363	3.0	35,638	2,903	16,470	436	26.5	1,642	99,669
Firearms	236	188	79.8	2,238	9,483	32,588	1,162	35.7	12,172	373,520
Poisonings	1,691	18	1.0	4,104	2,427	11,894	275	23.1	4,433	372,691
Fires/burns	1,457	1,259	86.4	2,407	1,652	5,710	258	45.2	1,424	249,367
Drownings/near drownings	32	161	511.3	175	5,469	6,287	206	32.8	2,278	362,292
Other	35,698	1,924	5.4	33,433	937	30,340	995	32.8	8,989	296,266
Male	32,014	3,059	9.6	67,909	2,121	111,867	3,827	34.2	40,086	358,344
Age: Under 4 years old	2,454	262	10.7	1,914	780	2,618	182	69.5	617	235,664
5 to 14 years old	5,981	563	9.4	5,576	932	3,986	219	54.9	1,198	300,607
15 to 24 years old	8,003	950	11.9	16,931	2,116	26,502	1,272	48.0	12,205	460,550
25 to 44 years old	10,907	890	8.2	29,458	2,701	40,327	1,561	38.7	20,850	517,012
45 to 64 years old	3,445	255	7.4	10,641	3,089	20,245	431	21.3	4,786	236,423
65 years old and over	1,223	137	11.2	3,388	2,770	18,189	162	8.9	430	23,614
Cause: Motor vehicles	2,426	737	30.4	18,891	7,787	36,836	1,362	37.0	14,437	391,921
Falls	5,626	212	3.8	19,724	3,506	9,136	280	30.6	1,317	144,143
Firearms	190	126	66.4	1,761	9,268	27,289	945	34.6	10,567	367,235
Poisonings	681	11	1.6	2,300	3,377	7,621	218	28.6	3,289	431,608
Fires/burns	794	636	80.2	1,809	2,278	3,477	170	48.9	992	285,300
Drownings/near drownings	30	100	332.6	124	4,133	5,067	120	23.7	1,994	393,464
Other	22,267	1,238	5.6	23,900	1,046	22,439	733	32.7	7,490	333,803
Female	24,702	2,027	8.2	40,331	1,633	43,798	1,458	33.3	9,288	212,075
Age: Under 4 years old	1,612	208	12.9	1,237	767	1,816	138	76.0	359	197,617
5 to 14 years old	4,203	259	6.2	2,452	583	2,006	118	58.8	472	235,331
15 to 24 years old	4,717	438	9.3	7,334	1,555	7,394	386	52.2	2,671	361,227
25 to 44 years old	7,108	424	6.0	11,473	1,614	11,252	484	43.0	4,042	359,190
45 to 64 years old	3,900	221	5.7	7,191	1,844	7,609	194	25.5	1,352	177,677
65 years old and over	3,162	478	15.1	10,643	3,366	13,721	138	10.1	393	28,630
Cause: Motor vehicles	2,900	438	15.0	11,354	3,915	15,539	590	38.0	4,001	257,506
Falls	6,650	151	2.3	15,914	2,393	7,334	156	21.3	325	44,267
Firearms	46	62	134.6	477	10,370	5,297	217	41.0	1,604	302,860
Poisonings	1,010	7	0.7	1,805	1,787	4,273	57	13.3	1,143	267,610
Fires/burns	663	622	93.8	599	903	2,233	88	39.4	432	193,416
Drownings/near drownings	2	62	3,780.9	51	25,500	1,220	86	70.5	284	232,825
Other	13,431	686	5.1	10,132	754	7,901	262	33.2	1,499	189,660

<sup>1</sup> Excludes 142,588 deaths in 1985. <sup>2</sup> Number of years person would have been productive in absence of injury, disability, or impairment. <sup>3</sup> Per 100 injured persons. <sup>4</sup> Value of goods and services not produced because of injury related illnesses and disability (\$64.9 billion) and cost of medical services (\$43.3 billion). <sup>5</sup> Cost estimates based on the person's age, sex, life expectancy at the time of death, annual earnings, labor force participation rates, value of homemaking services, and at 6 percent discount rate by which to convert to present worth the potential aggregate earnings lost over the years. Includes costs incurred in the first year injury occurs as well as costs in later years (e.g., rehabilitation). <sup>6</sup> Includes 13,097 deaths in later years due to injuries sustained in 1985. <sup>7</sup> Value of lifetime earnings lost by persons who are fatally injured and die prematurely, discounted at 6 percent.

Source: Institute for Health and Aging, University of California, San Francisco, CA and the Injury Prevention Center, The Johns Hopkins University, Baltimore, MD, *Cost of Injury in the United States: A Report to Congress, 1989*.

**No. 188. Days of Disability, by Type and Selected Characteristics: 1970 to 1989**

[Covers civilian noninstitutional population. Beginning 1985, the levels of estimates may not be comparable to estimates for 1970-1980 because the later data are based on a revised questionnaire and field procedures; for further information, see source. Based on National Health Interview Survey; see Appendix III. For composition of regions, see table 25]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1970	1980	1985	1987	1988	1989	1970	1980	1985	1987	1988	1989
Restricted-activity days <sup>1</sup>	2,913	4,165	3,453	3,448	3,536	3,693	14.6	19.1	14.8	14.5	14.7	15.2
Male	1,273	1,802	1,442	1,464	1,487	1,558	13.2	17.1	12.8	12.7	12.7	13.2
Female	1,640	2,363	2,011	1,984	2,049	2,135	15.8	21.0	16.6	16.1	16.5	17.0
White <sup>2</sup>	2,526	3,518	2,899	2,896	2,969	3,087	14.4	18.7	14.5	14.3	14.6	15.0
Black <sup>2</sup>	365	580	489	475	487	511	16.2	22.7	17.4	16.4	16.6	17.1
Hispanic <sup>3</sup>	(NA)	(NA)	228	226	253	278	(NA)	(NA)	13.2	12.0	13.0	13.2
Under 65 years	2,331	3,228	2,557	2,594	2,657	2,774	12.9	16.6	12.4	12.3	12.5	12.9
65 years and over	582	937	895	854	879	919	30.7	39.2	33.1	30.3	30.6	31.5
Northeast	709	882	689	684	667	669	14.5	17.9	13.8	13.6	13.5	13.7
Midwest	691	989	744	746	762	812	12.4	17.2	12.7	13.0	12.8	13.6
South	996	1,415	1,308	1,220	1,328	1,392	15.9	19.8	16.3	15.0	16.1	16.7
West	518	899	712	797	779	820	15.6	22.0	15.7	16.0	15.6	15.8
Family income:												
Under \$10,000	(NA)	(NA)	893	756	754	694	(NA)	(NA)	25.8	24.2	26.6	26.5
\$10,000 to \$19,999	(NA)	(NA)	781	750	751	768	(NA)	(NA)	16.7	16.9	17.8	18.7
\$20,000 to \$34,999	(NA)	(NA)	791	761	734	752	(NA)	(NA)	12.1	12.3	12.3	13.3
\$35,000 or more	(NA)	(NA)	568	685	726	798	(NA)	(NA)	9.9	9.9	9.7	9.9
Bed-disability days <sup>4</sup>	1,222	1,520	1,436	1,474	1,519	1,579	6.1	7.0	6.1	6.2	6.3	6.5
Male	503	616	583	595	607	652	5.2	5.9	5.2	5.2	5.2	5.5
Female	720	904	852	879	912	927	6.9	8.0	7.1	7.1	7.3	7.4
Under 65 years	959	1,190	1,064	1,081	1,107	1,164	5.3	6.1	5.1	5.1	5.2	5.4
65 years and over	263	330	371	394	412	415	13.8	13.8	13.7	14.0	14.4	14.2
Work-loss days <sup>5</sup>	417	485	575	603	609	659	5.4	5.0	5.3	5.4	5.3	5.6
Male	243	271	287	299	307	322	5.0	4.9	4.8	4.8	4.8	5.0
Female	175	215	268	304	302	337	5.8	5.1	6.0	6.1	5.8	6.4
School-loss days <sup>6</sup>	222	204	217	198	222	260	4.9	5.3	4.8	4.4	4.9	5.7
Male	108	95	100	96	107	129	4.7	4.8	4.4	4.2	4.6	5.6
Female	114	109	117	102	115	131	5.1	5.7	5.3	4.6	5.2	5.9

NA Not available. <sup>1</sup> A day when a person cuts down on his usual activities for more than half a day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other races and unknown income, not shown separately. <sup>2</sup> Beginning 1980 race was determined by asking the household respondent to report his race. In earlier years the racial classification of respondents was determined by interviewer observation. <sup>3</sup> Persons of Hispanic origin may be of any race. <sup>4</sup> A day when a person stayed in bed more than half a day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed. <sup>5</sup> A day when a person lost more than half a workday because of illness or injury. Computed for persons 17 years of age and over (beginning 1985, 18 years of age and over) in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview. <sup>6</sup> Child's loss of more than half a school day because of illness or injury. Computed for children 6-16 years of age. Beginning 1985, children 5-17 years old.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 176; and unpublished data.

**No. 189. Percent of Children Immunized Against Specified Diseases, by Age-Group: 1980 to 1985**

[Covers civilian noninstitutional population. Data are estimates from the Immunization Survey which is a supplemental questionnaire submitted to a subsample of households interviewed for the Current Population Survey (see text, section 1 and Appendix III). Subject to sampling variability; see source]

DISEASE	ALL RESPONDENTS										RESPON- DENTS CON- SULTING RECORDS, 1985	
	1 to 4 years old					5 to 14 years old						
	1980,		1984,		1985	1980,		1984,		1985		
	total	total	Total	White	Black and other	total	total	Total	White	Black and other	total	
Diphtheria-tetanus-pertussis	66.3	65.7	64.9	68.7	48.7	74.0	73.8	73.7	76.0	64.0	87.0	93.0
Polio <sup>2</sup>	58.8	54.8	55.3	58.9	40.1	70.0	70.2	69.7	72.6	57.5	75.7	88.4
Measles	63.5	62.8	60.8	63.6	48.8	71.0	73.5	71.5	73.6	62.6	76.9	87.6
Rubella	63.5	60.9	58.9	61.6	47.7	74.0	72.4	70.2	72.3	61.4	73.8	85.3
Mumps	56.6	58.7	58.9	61.8	47.0	63.2	70.9	71.6	73.6	63.2	75.5	87.1

<sup>1</sup> Data are based only on the 29 percent of White respondents and the 15 percent of Black and other respondents who consulted records for some or all vaccination questions. <sup>2</sup> Three or more doses.

Source: U.S. Centers for Disease Control, Atlanta, GA, *United States Immunization Survey*, annual.

**No. 190. Specified Reportable Diseases—Cases Reported: 1970 to 1990**

[Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the United States. See *Historical Statistics, Colonial Times to 1970*, series B 281-303, for related data]

DISEASE	1970	1980	1983	1984	1985	1986	1987	1988	1989	1990
AIDS <sup>1</sup>	(NA)	(NA)	2,117	4,445	8,249	13,166	21,070	31,001	33,722	41,595
Amebiasis	2,888	5,271	6,658	5,252	4,433	3,532	3,123	2,860	3,217	3,328
Aseptic meningitis	6,480	8,028	12,696	8,326	10,619	11,374	11,487	7,234	10,274	11,852
Botulism <sup>2</sup>	12	89	133	123	122	109	82	84	89	92
Brucellosis (undulant fever)	213	183	200	131	153	106	129	96	95	85
Chickenpox (1,000)	(3)	190.9	177.5	222.0	178.2	183.2	213.2	192.9	185.4	173.1
Diphtheria	435	3	5	1	3	-	3	2	3	4
Encephalitis:										
Primary infectious <sup>4</sup>	1,580	1,362	1,761	1,257	1,376	1,302	1,418	882	981	1,341
Post infectious	370	40	34	108	161	124	121	121	88	105
Hepatitis: B (serum) (1,000)	8.3	19.0	24.3	26.1	26.6	26.1	25.9	23.2	23.4	21.1
A (infectious) (1,000)	56.8	29.1	21.5	22.0	23.2	23.4	25.3	28.5	35.8	31.4
Unspecified (1,000)	(3)	11.9	7.1	5.5	5.5	3.9	3.1	2.5	2.3	1.7
Non-A, non-B (1,000)	(3)	(3)	3.5	3.9	4.2	3.6	3.0	2.6	2.5	2.6
Legionellosis	(3)	(3)	852	750	830	948	1,038	1,085	1,190	1,370
Leprosy	129	223	259	290	361	270	238	184	163	198
Leptospirosis	47	65	61	40	57	41	43	54	93	77
Malaria	3,051	2,062	813	1,007	1,049	1,123	944	1,099	1,277	1,292
Measles (1,000)	47.4	13.5	1.5	2.6	2.8	6.3	3.7	3.4	18.2	27.8
Meningococcal infections	2,505	2,840	2,736	2,746	2,479	2,594	2,930	2,964	2,727	2,451
Mumps (1,000)	105.0	8.6	3.4	3.0	3.0	7.8	12.8	4.9	5.7	5.3
Pertussis <sup>5</sup> (1,000)	4.2	1.7	2.5	2.3	3.6	4.2	2.8	3.5	4.2	4.6
Plague	13	18	40	31	17	10	12	15	4	2
Poliomyelitis, acute	33	9	15	8	7	8	6	9	5	7
Psittacosis	35	124	142	172	119	224	98	114	116	113
Rabies, animal	3,224	6,421	5,878	5,567	5,565	5,504	4,658	4,651	4,724	4,826
Rabies, human	3	-	2	3	1	-	1	-	1	1
Rheumatic fever, acute <sup>6</sup>	3,227	432	88	117	90	147	141	158	144	108
Rubella (1,000)	56.6	3.9	1.0	1.0	0.6	0.6	0.3	0.2	0.4	1.1
Salmonellosis <sup>7</sup> (1,000)	22.1	33.7	44.3	40.9	85.3	50.0	50.9	48.9	47.8	48.6
Shigellosis <sup>8</sup> (1,000)	13.8	19.0	19.7	17.4	17.1	17.1	23.9	30.6	25.0	27.1
Tetanus	148	95	91	74	83	64	48	53	53	64
Toxic-shock syndrome	(3)	(3)	502	482	384	412	372	390	400	322
Trichinosis	109	131	45	68	61	39	40	45	30	129
Tuberculosis <sup>10</sup> (1,000)	37.1	27.7	23.8	22.3	22.2	22.8	22.5	22.4	23.5	25.7
Tularämia	172	234	310	291	177	170	214	201	152	152
Typhoid fever	346	510	507	390	402	362	400	436	460	552
Typhus fever:										
Flea-borne (endemic-murine)	27	81	62	53	37	67	49	54	41	50
Tick-borne (Rocky Mt. spotted fever)	380	1,163	1,126	838	714	760	604	609	623	651
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	600	1,004	900	879	911	901	781	720	733	690
Syphilis (1,000)	91	69	75	70	68	68	87	103	111	134
Other (1,000)	2.2	1.0	1.2	1.0	2.3	4.2	5.3	5.2	4.9	4.6

<sup>1</sup> Represents zero. NA Not available. <sup>2</sup> Acquired immunodeficiency syndrome was not a notifiable disease until 1984. Figures are shown for years in which cases were reported to the CDC. <sup>3</sup> Beginning in 1980, includes foodborne, infant, wound, and unspecified cases. <sup>4</sup> Disease was not notifiable. <sup>5</sup> Beginning 1980, reported data reflect new diagnostic categories. <sup>6</sup> Whooping cough. <sup>7</sup> Based on reports from States: 38 in 1970, 37 in 1980, 36 in 1983 and 1984, 31 in 1985, 29 in 1986 and 1988, 25 in 1987, 28 in 1989, and 30 in 1990. <sup>8</sup> German measles. <sup>9</sup> Excludes typhoid fever. <sup>10</sup> Bacillary dysentery.

<sup>10</sup> Newly reported active cases. New diagnostic standards introduced in 1980.

Source: U.S. Centers for Disease Control, Atlanta, GA, *Summary of Notifiable Diseases, United States, Morbidity and Mortality Weekly Report*, vol. 39, No. 53, October 1991.

**No. 191. Selected Measures of Hospital Utilization for Patients Discharged With the Diagnosis of AIDS: 1984 to 1989**

[Based on National Hospital Discharge Survey; see source for details]

MEASURE OF UTILIZATION	Unit	1984	1985	1986	1987	1988 <sup>1</sup>	1989 <sup>1</sup>
Number of patients discharged	1,000	10	23	37	50	71	96
Rate of patient discharges <sup>2</sup>	Rate	0.4	1.0	1.6	2.1	2.9	3.9
Number of days of care	1,000	123	387	606	783	983	1,303
Rate of days of care <sup>2</sup>	Rate	5.2	16.3	25.3	32.4	40.3	52.8
Average length of stay <sup>3</sup>	Days	12.1	17.1	16.2	15.7	13.8	13.6

<sup>1</sup> Comparisons of 1988 and 1989 data with data for earlier years should be made with caution as estimates of change may reflect improvements in the design rather than true changes in hospital use. <sup>2</sup> Per 10,000 population. Based on Bureau of the Census estimated civilian population as of July 1. Population estimates do not reflect revised estimates based on the 1990 Census of Population. <sup>3</sup> For similar data on all patients, see table 173.

Source: National Center for Health Statistics, *Health, United States, 1990*.

**No. 192. AIDS Cases Reported, by Patient Characteristic: 1981 to 1991**

[Provisional. For cases reported in the year shown. For data on AIDS deaths, see table 120. Data are subject to retrospective changes and may differ from those data in table 190.]

CHARACTERISTIC	NUMBER OF CASES										PERCENT DISTRIBUTION	
	Total	1981-1983	1984	1985	1986	1987	1988	1989	1990	1991	1981-1983	1991
<b>Total .....</b>	<b>199,516</b>	<b>2,920</b>	<b>4,442</b>	<b>8,215</b>	<b>13,150</b>	<b>21,109</b>	<b>30,754</b>	<b>33,638</b>	<b>41,616</b>	<b>43,672</b>	<b>100.0</b>	<b>100.0</b>
Age:												
Under 5 years old .....	2,656	44	47	113	155	266	444	494	579	514	1.5	1.2
5 to 12 years old .....	623	2	3	17	28	56	127	102	144	144	0.1	0.3
13 to 29 years old .....	39,547	655	956	1,684	2,822	4,365	6,358	6,736	8,113	7,858	22.4	18.0
30 to 39 years old .....	91,571	1,338	2,115	3,852	6,104	9,632	14,131	15,539	18,929	19,931	45.8	45.6
40 to 49 years old .....	44,675	625	919	1,714	2,703	4,513	6,529	7,331	9,696	10,645	21.4	24.4
50 to 59 years old .....	14,438	221	319	631	964	1,566	2,148	2,424	2,923	3,242	7.6	7.4
60 years old and over .....	6,006	35	83	204	374	711	1,017	1,012	1,232	1,338	1.2	3.1
Sex:												
Male .....	178,033	2,704	4,146	7,630	12,101	19,276	27,467	29,978	36,736	37,995	92.6	87.0
Female .....	21,483	216	296	585	1,049	1,833	3,287	3,660	4,880	5,677	7.4	13.0
Race/ethnic group:												
White, non-Hispanic .....	110,343	1,847	2,689	4,969	7,841	12,973	17,093	18,600	22,322	22,209	56.4	50.9
Black, non-Hispanic .....	59,975	826	1,123	2,087	3,386	5,384	9,117	10,302	13,202	14,548	28.3	33.3
Hispanic .....	27,159	436	609	1,097	1,802	2,946	4,267	4,356	5,645	6,399	14.9	14.7
Other/unknown: <sup>1</sup> .....	2,039	11	21	62	121	204	277	380	447	516	0.4	1.2
Leading States: <sup>1</sup>												
New York .....	42,619	1,318	1,583	2,482	3,768	3,945	6,968	6,001	8,390	8,164	45.1	18.7
California .....	38,329	591	1,008	1,879	2,658	4,893	5,709	6,440	7,342	7,709	20.2	17.7
Florida .....	19,464	222	314	551	1,029	1,643	2,677	3,456	4,021	5,551	7.6	12.7
Texas .....	14,475	109	250	482	937	1,667	2,216	2,385	3,342	3,087	3.7	7.1
New Jersey .....	12,671	189	282	468	767	1,510	2,450	2,228	2,462	2,305	6.8	5.3
Illinois .....	6,313	57	100	188	346	629	990	1,136	1,276	1,591	2.0	3.6
Georgia .....	5,700	38	56	191	304	517	838	1,095	1,227	1,434	1.3	3.3
Pennsylvania .....	5,648	55	90	200	309	654	853	1,072	1,193	1,222	1.9	2.8
Massachusetts .....	4,307	47	86	164	282	452	711	753	842	970	1.6	2.2
Maryland .....	4,110	32	54	149	188	457	544	715	994	977	1.1	2.2
District of Columbia .....	3,438	23	90	178	226	464	495	495	740	727	0.8	1.7
Louisiana .....	3,048	18	55	104	165	336	401	508	704	757	0.6	1.7
Ohio .....	2,906	14	31	54	212	336	506	488	665	800	0.5	1.4
Washington .....	2,788	7	59	110	168	324	342	512	710	556	0.2	1.3
Virginia .....	2,742	27	40	109	160	243	349	391	743	680	0.9	1.6
Michigan .....	2,588	12	32	61	150	211	455	506	577	584	0.4	1.3
Missouri .....	2,487	8	27	50	74	238	411	442	582	655	0.3	1.5
Connecticut .....	2,428	28	57	86	175	252	412	431	423	564	1.0	1.3
North Carolina .....	2,255	9	15	66	81	209	276	444	565	590	0.3	1.4
Colorado .....	2,025	26	38	62	168	226	325	387	360	435	0.9	1.0
Percent of total .....	90.4	97.3	98.1	94.1	92.5	91.0	90.8	88.8	89.3	89.7	(X)	(X)

X Not applicable. <sup>1</sup> States with at least 2,000 total cases reported 1991.

Source: U.S. Centers for Disease Control, Atlanta, GA, unpublished data.

**No. 193. AIDS Cases, and Appropriations for AIDS, by Category and Leading States: 1984 to 1991**

[For fiscal years, except as indicated. Based on survey of State budget analysts, commissioners of health and AIDS coordinators, and other State agencies with AIDS programs, (e.g. Departments of Education)]

ITEM	Unit	1984-1991, total	1985	1986	1987	1988	1989	1990	1991
State government appropriations <sup>1</sup> .....	Mil. dol.	1,125.9	9.6	27.5	66.7	156.3	247.0	278.9	330.6
Number of States .....	Number	(X)	9	21	28	37	47	51	51
Appropriations for—									
Education/information .....	Percent.	(X)	(NA)	25	19	21	26	28	25
Patient care <sup>2</sup> .....	Percent.	(X)	(NA)	4	15	16	25	345	351
Support services <sup>2</sup> .....	Percent.	(X)	(NA)	12	11	19	13	(3)	(3)
Research .....	Percent.	(X)	(NA)	41	27	17	8	1	2
Testing/counseling .....	Percent.	(X)	(NA)	3	11	12	18	14	12
Leading areas by appropriations: <sup>4</sup>									
California .....	\$1,000.	284,325	4,094	16,020	31,515	58,033	76,877	46,649	47,738
New York .....	\$1,000.	273,922	2,800	4,500	9,500	39,920	52,884	68,576	90,493
Florida .....	\$1,000.	76,919	32	576	5,557	12,539	17,765	19,432	20,994
Massachusetts .....	\$1,000.	66,279	1,500	1,604	4,073	7,591	14,754	18,517	18,242
New Jersey .....	\$1,000.	59,216	920	1,969	4,963	7,907	13,012	15,489	14,446
Percent of total .....	Percent.	69.0	97.4	69.6	63.3	80.6	70.0	60.0	58.0

NA Not available. X Not applicable. <sup>1</sup> Includes DC. Includes appropriations from State governments direct general revenue funds only; excludes Medicaid expenditures. Includes appropriations for other activities, not shown separately.

<sup>2</sup> Beginning 1989, hospice care included in patient care, rather than support services. <sup>3</sup> Beginning 1990, patient care and support services were combined. <sup>4</sup> Areas with over \$7 million appropriations for 1989.

Source: AIDS Policy Center, Intergovernmental Health Policy Project, The George Washington University, Washington, DC, *Intergovernmental AIDS Reports*, vol. 4, Special Edition.

**No. 194. Acute Conditions, by Type, 1970 to 1989, and by Selected Characteristics, 1989**

[Covers civilian noninstitutional population. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. Based on National Health Interview Survey; see Appendix III. See headnote, table 188. For composition of regions, see table 25.]

YEAR AND CHARACTERISTIC	NUMBER OF CONDITIONS (mil.)				RATE PER 100 POPULATION			
	Infective and parasitic	Respiratory		Injuries	Infective and parasitic	Respiratory		Digestive system
		Upper	Other			Upper	Other	
1970.	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3
1975.	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1
1980.	53.6	124.2	129.0	24.9	72.7	24.6	57.0	58.2
1985.	47.8	95.1	108.4	16.3	64.0	20.5	40.7	46.4
1986.	54.4	85.2	143.6	15.0	64.3	23.0	36.1	60.8
1987.	55.3	84.7	106.4	15.0	64.5	23.2	35.5	44.6
1988.	53.8	90.7	118.7	15.1	59.2	22.3	37.6	49.3
1989, total <sup>1</sup>	48.9	92.5	139.3	14.3	59.2	20.1	38.0	57.2
Under 5 years old	10.0	18.0	15.0	2.1	4.3	53.2	96.2	79.7
5 to 17 years old	18.7	21.8	41.0	2.9	13.1	41.3	48.1	90.6
18 to 24 years old	3.9	11.9	13.5	1.6	7.1	15.4	46.9	53.2
25 to 44 years old	10.6	26.2	44.5	3.6	22.4	13.5	33.2	56.5
45 to 64 years old	4.0	9.9	17.8	1.9	7.4	8.6	21.4	38.6
65 years old and over	1.7	4.7	7.5	2.2	4.9	5.9	16.2	25.8
Male	21.6	42.0	63.6	6.8	32.1	18.3	35.6	53.9
Female	27.3	50.5	75.7	7.5	27.1	21.8	40.2	60.3
White	43.5	80.4	123.0	11.3	50.9	21.2	39.2	58.9
Black	4.3	9.8	11.5	2.3	7.1	14.3	32.6	38.6
Northeast	9.3	17.1	18.9	2.0	9.8	19.1	34.9	38.7
Midwest	9.3	21.2	38.4	3.1	16.0	15.7	35.6	64.5
South	21.7	30.1	38.7	5.5	20.8	26.1	36.2	46.5
West	8.5	24.1	43.3	3.6	12.6	16.4	45.4	83.4
Family income:								
Under \$10,000	3.9	12.7	16.1	2.3	7.7	14.9	48.6	61.3
\$10,000 to \$19,999	7.9	13.7	20.6	3.2	9.8	19.4	33.3	50.2
\$20,000 to \$34,999	12.7	21.7	36.8	2.9	15.7	22.4	38.3	64.6
\$35,000 or more	17.7	32.0	46.5	3.9	18.9	22.0	39.9	57.9

<sup>1</sup> Includes other races and unknown income, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 176 and unpublished data.

**No. 195. Prevalence of Selected Reported Chronic Conditions, by Age and Sex: 1980 and 1989**

[Covers civilian noninstitutional population. Conditions classified according to ninth revision of International Classification of Diseases. Based on National Health Interview Survey; see Appendix III. See headnote, table 188.]

CHRONIC CONDITION	1980		1989						
	Number of conditions (1,000)	Rate <sup>1</sup>	Number of conditions (1,000)	Rate <sup>1</sup>					
				Total	Under 18 yrs.	18-44 yrs.	45-64 yrs.	65-74 yrs.	75 yrs. and over
Heart conditions	16,434	75.4	18,493	75.9	17.1	36.1	118.9	231.6	353.0
High blood pressure (Hypertension)	24,919	114.3	27,664	113.6	2.2	56.0	229.1	383.8	375.6
Varicose veins of lower extremities	5,930	27.2	7,536	30.9	2 <sup>a</sup>	24.8	57.8	72.6	86.6
Hemorrhoids	8,616	39.5	11,489	47.2	2 <sup>a</sup>	57.2	74.9	77.4	57.5
Chronic bronchitis	7,869	36.1	11,974	49.2	50.5	44.5	53.7	54.2	57.6
Asthma	6,803	31.2	11,621	47.7	61.0	41.3	41.5	57.3	42.3
Chronic sinusitis	31,956	145.0	33,683	138.3	68.9	161.1	173.5	151.8	155.8
Hay fever, allergic rhinitis without asthma	17,433	80.0	21,166	86.9	59.7	108.8	87.4	69.4	65.5
Dermatitis, including eczema	9,139	41.9	8,420	34.6	35.7	36.0	30.6	33.5	32.9
Diseases of sebaceous glands <sup>3</sup>	5,046	29.2	5,692	23.4	23.1	32.4	13.1	9.3	25.7
Arthritis	27,773	127.4	30,999	127.3	2 <sup>a</sup>	48.9	253.8	437.3	554.5
Trouble with—									
Ingrown nails	4,503	49.8	5,726	23.5	9.1	23.7	28.1	36.1	64.8
Corns and calluses	4,811	42.1	4,342	17.8	20.2	14.6	31.5	41.0	54.3
Dry (itching) skin	3,698	16.3	4,289	17.6	9.9	17.1	22.9	23.4	35.5
Diabetes	5,665	26.0	6,489	26.6	2 <sup>a</sup>	10.7	58.2	89.7	85.7
Migraines	5,630	25.8	9,978	41.0	15.5	57.2	51.2	29.8	211.8
Diseases of urinary system <sup>5</sup>	5,444	25.0	6,938	28.5	4.9	30.1	38.1	57.4	62.2
Visual impairments	7,984	36.6	7,881	32.4	9.0	27.2	45.1	69.3	101.7
Cataracts	4,512	42.2	5,698	23.4	2 <sup>a</sup>	3.5	16.1	107.4	40.6
Hearing impairments	17,370	79.7	20,246	83.1	15.6	47.8	127.7	239.4	360.3
Tinnitus	5,130	42.6	5,867	24.1	2 <sup>a</sup>	14.4	45.8	76.4	68.9
Deformities or orthopedic impairments	18,504	84.9	27,993	114.9	29.3	138.3	155.5	141.4	177.0
Hernia of abdominal cavity	4,970	42.1	4,576	18.8	4.1	9.6	36.9	57.3	52.0
Frequent indigestion	4,536	42.6	5,418	22.2	2 <sup>a</sup>	19.4	24.5	35.5	42.8
Frequent constipation	4,431	41.9	4,529	18.6	8.2	11.9	20.9	42.2	10.9

<sup>a</sup> Represents or rounds to zero. <sup>b</sup> Conditions per 1,000 persons. <sup>c</sup> Figure does not meet standards of reliability or precision. <sup>d</sup> Acne and sebaceous skin cyst. <sup>e</sup> 1982 data.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10 and unpublished data.

**No. 196. Alcoholism and Drug Abuse Treatment Facilities and Clients, by Facility Location and Ownership: 1989**

[As of September 30. Based on the National Drug and Alcoholism Treatment Unit Survey (NDATUS), a census of all known drug abuse and alcoholism treatment facilities in the U.S. Data collected in cooperation with State agencies which defined what constitutes a facility for reporting purposes]

FACILITY LOCATION AND OWNERSHIP	TOTAL			ALCOHOLISM TREATMENT			DRUG ABUSE TREATMENT		
	Units reporting <sup>1</sup>	Clients in treatment <sup>2</sup>	Budgeted capacity	Units reporting <sup>2</sup>	Clients in treatment <sup>2</sup>	Budgeted capacity	Units reporting <sup>2</sup>	Clients in treatment <sup>2</sup>	Budgeted capacity
<b>Total</b> .....	<b>7,642</b>	<b>718,966</b>	<b>903,250</b>	<b>6,374</b>	<b>374,437</b>	<b>469,603</b>	<b>6,170</b>	<b>344,529</b>	<b>433,647</b>
Community mental health center <sup>3</sup> .....	956	107,613	123,145	883	68,627	75,685	848	38,986	47,480
Hospital <sup>3</sup> .....	1,353	88,921	127,397	1,244	45,637	64,291	1,150	43,284	63,106
Correctional facility .....	113	13,753	21,480	82	3,657	6,020	104	10,096	15,460
Halfway house .....	745	18,283	23,455	705	11,933	14,851	451	6,360	8,604
Other residential facility .....	1,049	50,089	66,245	789	20,506	28,959	863	29,583	37,286
Outpatient facility .....	2,977	366,834	459,983	2,347	197,153	249,603	2,389	169,681	210,380
Other location .....	449	73,463	81,545	324	26,924	30,214	365	46,539	51,331
Private for-profit .....	1,258	91,632	145,110	1,129	53,167	81,013	1,047	38,465	64,097
Private nonprofit .....	4,958	431,576	529,576	4,132	221,242	272,044	4,025	210,334	257,532
State and local government .....	1,236	171,907	199,105	942	84,691	97,657	967	87,216	101,448
Federal government .....	190	23,851	29,459	171	15,337	18,889	131	8,514	10,570

<sup>1</sup> Unduplicated count. <sup>2</sup> Excludes data from 117 units which did not report budgeted capacity. With these data included, total number of clients in treatment was 734,955 (383,525 alcoholism clients and 351,430 drug abuse clients). <sup>3</sup> Includes general hospitals, alcoholism hospitals, mental/psychiatric hospitals, and other specialized hospitals.

Source: U.S. National Institute on Drug Abuse and U.S. National Institute on Alcohol Abuse and Alcoholism, 1989 National Drug and Alcoholism Treatment Unit Survey: Final Report.

**No. 197. Drug Use, by Type of Drug and Age Group: 1974 to 1991**

[In percent. Current users are those who used drugs at least once within month prior to this study. Based on national samples of respondents residing in households. Subject to sampling variability; see source]

AGE AND TYPE OF DRUG	EVER USED						CURRENT USER					
	1974	1979	1982	1985	1988	1991	1974	1979	1982	1985	1988	1991
<b>12 TO 17 YEARS OLD</b>												
Marijuana .....	23.0	30.9	26.7	23.6	17.4	13.0	12.0	16.7	11.5	12.0	6.4	4.3
Cocaine .....	3.6	5.4	6.5	4.9	3.4	2.4	1.0	1.4	1.6	1.5	1.1	0.4
Inhalants .....	8.5	9.8	(NA)	9.2	8.8	7.0	0.7	2.0	(NA)	3.4	2.0	1.8
Hallucinogens .....	6.0	7.1	5.2	3.3	3.5	3.4	1.3	2.2	1.4	1.2	0.8	0.8
Heroin .....	1.0	0.5	(NA)	(NA)	0.6	0.3	(NA)	(NA)	(NA)	(NA)	(NA)	0.1
Stimulants <sup>1</sup> .....	5.0	3.4	6.7	5.6	4.2	3.0	1.0	1.2	2.6	1.6	1.2	0.5
Sedatives <sup>1</sup> .....	5.0	3.2	5.8	4.1	2.4	2.4	1.0	1.1	1.3	1.0	0.6	0.5
Tranquilizers <sup>1</sup> .....	3.0	4.1	4.9	4.8	0.2	2.1	1.0	0.6	0.9	0.6	0.2	0.3
Analgesics <sup>1</sup> .....	(NA)	3.2	4.2	5.8	4.2	4.4	(NA)	0.8	0.7	1.6	0.9	1.1
Alcohol .....	54.0	70.3	65.2	55.5	50.2	46.4	34.0	37.2	30.2	31.0	25.2	20.3
Cigarettes .....	52.0	54.1	49.5	45.2	42.3	37.9	25.0	12.1	14.7	15.3	11.8	10.8
<b>18 TO 25 YEARS OLD</b>												
Marijuana .....	52.7	68.2	64.1	60.3	56.4	50.5	25.2	35.4	27.4	21.8	15.5	13.0
Cocaine .....	12.7	27.5	28.3	25.2	19.7	17.9	3.1	9.3	6.8	7.6	4.5	2.0
Inhalants .....	9.2	16.5	(NA)	12.4	12.5	10.9	(NA)	1.2	(NA)	0.8	1.7	1.5
Hallucinogens .....	16.6	25.1	21.1	11.3	13.8	13.2	2.5	4.4	1.7	1.9	1.9	1.2
Heroin .....	4.5	3.5	1.2	1.2	0.4	0.8	(NA)	(NA)	(NA)	(NA)	(NA)	0.1
Stimulants <sup>1</sup> .....	17.0	18.2	18.0	17.1	11.3	9.4	3.7	3.5	4.7	3.7	2.4	0.8
Sedatives <sup>1</sup> .....	15.0	17.0	18.7	11.0	5.5	4.3	1.6	2.8	2.6	1.6	0.9	0.6
Tranquilizers <sup>1</sup> .....	10.0	15.8	15.1	12.0	7.8	7.5	1.2	2.1	1.6	1.6	1.0	0.6
Analgesics <sup>1</sup> .....	(NA)	11.8	12.1	11.3	9.4	10.2	(NA)	1.0	1.0	1.8	1.5	1.5
Alcohol .....	81.6	95.3	94.6	92.6	90.3	90.2	69.3	75.9	70.9	71.4	65.3	63.6
Cigarettes .....	68.8	82.8	76.9	75.6	75.0	71.2	48.8	42.6	39.5	36.8	35.2	32.2
<b>26 YEARS OLD AND OVER</b>												
Marijuana .....	9.9	19.6	23.0	27.2	30.7	32.9	2.0	6.0	6.6	6.1	3.9	3.3
Cocaine .....	0.9	4.3	8.5	9.5	9.9	11.8	(NA)	0.9	1.2	2.0	0.9	0.8
Inhalants .....	1.2	3.9	(NA)	5.0	3.9	4.4	(NA)	0.5	(NA)	0.5	0.2	0.3
Hallucinogens .....	1.3	4.5	6.4	6.2	6.6	8.0	(NA)	(NA)	(NA)	(NA)	(NA)	0.1
Heroin .....	0.5	1.0	1.1	1.1	1.1	1.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Stimulants <sup>1</sup> .....	3.0	5.8	6.2	7.9	6.6	7.1	(NA)	0.5	0.6	0.7	0.5	0.2
Sedatives <sup>1</sup> .....	2.0	3.5	4.8	5.2	3.3	4.5	(NA)	(NA)	(NA)	(NA)	0.6	0.3
Tranquilizers <sup>1</sup> .....	2.0	3.1	3.6	7.2	4.6	5.7	(NA)	(NA)	(NA)	1.0	0.6	0.4
Analgesics <sup>1</sup> .....	(NA)	2.7	3.2	5.6	4.5	5.5	(NA)	(NA)	(NA)	0.9	0.4	0.5
Alcohol .....	73.2	91.5	88.2	89.4	88.6	88.7	54.5	61.3	59.8	60.6	54.8	52.5
Cigarettes .....	65.4	83.0	78.7	80.5	79.6	77.6	39.1	36.9	34.6	32.8	29.8	26.8

NA Not available. <sup>1</sup> Nonmedical use.

Source: U.S. National Institute on Drug Abuse, National Household Survey on Drug Abuse: 1991.

## No. 198. Users of Selected Drugs, by User Characteristic: 1991

[In percent. See headnote, table 197. For composition of regions, see table 25]

SUBSTANCE AND AGE GROUP	Total <sup>1</sup>	SEX		RACE/ETHNICITY			REGION			
		Male	Female	White <sup>2</sup>	Black <sup>2</sup>	Hispanic	North-east	Mid-west	South	West
<b>CURRENT USERS</b>										
Cigarettes: Total	27.0	28.7	25.5	27.3	27.9	24.7	26.9	28.1	27.3	25.4
12 to 17 years old	10.8	11.8	9.8	12.7	4.3	8.7	11.6	12.4	10.2	9.5
18 to 25 years old	32.2	32.0	32.3	35.7	22.0	24.7	35.7	33.4	30.3	30.8
26 to 34 years old	32.9	34.8	31.0	33.2	36.8	28.6	32.6	34.3	35.8	26.9
35 years old and over	26.6	28.8	24.7	25.8	32.6	27.7	25.2	27.6	27.0	26.2
Alcohol: Total	50.9	58.1	44.3	52.7	43.7	47.5	56.3	52.3	44.0	56.3
12 to 17 years old	20.3	22.3	18.2	20.4	20.1	22.5	19.0	21.9	19.8	20.7
18 to 25 years old	63.6	69.7	57.8	67.2	58.0	52.8	71.1	65.2	57.7	65.7
26 to 34 years old	61.7	70.8	52.8	63.8	57.1	57.2	66.3	64.5	55.9	63.5
35 years old and over	49.5	57.4	42.5	50.9	40.3	47.8	55.3	50.5	41.1	57.2
Marijuana: Total	4.8	6.3	3.4	4.5	7.2	4.3	5.2	4.6	4.2	5.8
12 to 17 years old	4.3	5.0	3.7	4.4	4.5	4.6	3.7	4.6	3.9	5.5
18 to 25 years old	13.0	15.7	10.5	13.7	14.6	9.1	14.7	11.5	12.1	14.8
26 to 34 years old	7.0	9.5	4.5	6.6	11.9	4.2	6.2	7.6	5.6	9.2
35 years old and over	2.1	3.0	1.3	1.9	3.5	2.3	2.8	2.0	1.7	2.3
Cocaine: Total	0.9	1.3	0.6	0.7	1.8	1.6	0.9	0.9	0.8	1.3
12 to 17 years old	0.4	0.5	0.3	0.3	0.5	1.3	0.5	(NA)	0.6	0.4
18 to 25 years old	2.0	2.8	1.3	1.7	3.1	2.7	1.5	2.1	1.8	3.0
26 to 34 years old	1.8	2.6	1.1	1.6	2.7	2.0	2.1	1.7	1.4	2.4
35 years old and over	0.5	0.6	0.3	0.2	1.3	1.0	0.4	0.6	0.4	0.6
Smokeless tobacco: Total	3.4	6.4	0.6	3.9	2.0	0.8	1.1	3.0	5.4	2.5
12 to 17 years old	3.0	5.3	0.5	3.8	0.8	1.1	0.9	3.7	3.7	2.5
18 to 25 years old	5.8	11.6	0.4	7.5	1.2	1.7	2.4	4.7	8.0	6.5
26 to 34 years old	3.5	7.0	0.2	4.3	1.5	0.8	0.7	2.9	6.0	3.0
35 years old and over	2.8	5.2	0.7	3.0	2.8	0.4	1.0	2.6	4.8	1.3
<b>EVER USED</b>										
Crack: Total	1.9	2.6	1.3	1.5	4.3	2.1	1.8	2.0	1.5	2.6
12 to 17 years old	0.9	0.7	1.0	0.8	1.1	1.3	0.6	0.4	0.9	1.7
18 to 25 years old	3.7	4.7	2.8	3.7	4.7	3.3	4.6	3.1	3.0	5.0
26 to 34 years old	3.7	5.1	2.3	2.8	9.2	3.7	2.8	3.3	3.5	5.2
35 years old and over	1.0	1.6	0.6	0.8	3.0	1.1	1.0	1.6	0.6	1.3
Inhalants: Total	5.6	7.1	4.1	5.8	3.8	4.9	4.9	4.6	4.9	8.4
12 to 17 years old	7.0	7.1	7.0	7.7	5.1	6.6	5.1	6.8	7.6	7.9
18 to 25 years old	10.9	12.3	9.6	12.8	4.4	6.6	9.8	9.7	9.8	15.4
26 to 34 years old	9.2	12.2	6.4	10.4	4.7	6.3	7.8	6.8	9.1	13.5
35 years old and over	2.7	3.9	1.7	2.6	2.9	2.8	2.8	2.4	1.8	4.8
Hallucinogens: Total	8.2	10.3	6.4	9.1	4.1	6.5	7.9	8.0	6.1	12.7
12 to 17 years old	3.4	3.3	3.4	3.9	1.2	3.5	2.9	3.8	3.1	3.9
18 to 25 years old	13.2	15.4	11.0	15.8	5.4	7.5	11.7	12.1	10.5	21.0
26 to 34 years old	15.6	18.9	12.4	18.0	6.0	9.1	15.2	15.1	12.5	21.3
35 years old and over	5.4	7.2	3.8	5.7	3.7	5.6	5.4	5.5	3.4	9.0
Stimulants: <sup>3</sup> Total	7.0	8.2	5.9	7.9	3.3	4.8	4.4	6.2	6.5	11.5
12 to 17 years old	3.0	2.5	3.4	3.5	0.8	2.1	1.5	3.0	3.5	3.3
18 to 25 years old	9.4	9.8	8.9	11.3	3.3	5.1	5.0	10.5	9.1	13.2
26 to 34 years old	12.2	14.1	10.4	14.3	5.0	6.3	7.9	10.3	12.6	17.8
35 years old and over	5.4	6.8	4.2	5.8	3.3	4.7	3.6	4.5	4.5	10.1
Sedatives: <sup>3</sup> Total	4.3	4.8	3.8	4.6	3.0	3.0	3.3	3.6	3.9	6.7
12 to 17 years old	2.4	2.0	2.9	2.7	1.2	2.2	1.8	2.4	2.7	2.5
18 to 25 years old	4.3	4.5	4.1	5.1	2.4	2.3	2.1	5.5	4.4	5.0
26 to 34 years old	7.5	8.7	6.3	8.6	3.8	3.4	6.2	5.9	8.1	9.3
35 years old and over	3.5	4.0	3.1	3.5	3.4	3.3	2.8	2.7	2.7	6.8
Tranquilizers: <sup>3</sup> Total	5.6	6.0	5.2	6.2	3.1	3.9	4.2	4.8	5.6	7.9
12 to 17 years old	2.1	1.8	2.5	2.6	1.1	1.0	1.4	1.9	2.6	2.0
18 to 25 years old	7.5	7.6	7.4	8.9	3.9	3.7	6.2	7.8	7.9	7.6
26 to 34 years old	10.1	11.0	9.1	11.5	5.7	5.4	9.1	8.9	11.0	10.7
35 years old and over	4.2	4.6	3.9	4.4	2.4	4.2	2.5	3.2	3.8	7.9
Analgesics: <sup>3</sup> Total	6.1	6.8	5.4	6.5	4.7	4.0	4.0	6.8	5.3	8.7
12 to 17 years old	4.4	4.3	4.6	4.8	3.9	3.6	2.7	5.0	5.0	4.4
18 to 25 years old	10.2	10.6	9.8	11.4	6.8	6.5	6.0	11.6	9.7	13.9
26 to 34 years old	9.8	11.1	8.5	11.1	6.8	4.1	7.6	8.7	11.0	10.9
35 years old and over	4.1	4.8	3.5	4.2	3.3	3.0	2.6	5.3	2.4	7.4

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Non-Hispanic. <sup>3</sup> Nonmedical use.Source: U.S. National Institute on Drug Abuse, *National Household Survey on Drug Abuse, 1991*.

**No. 199. Cigarette Smoking by Age, Sex, Race, and Educational Attainment:  
1965 to 1988**

[In percent, except total population in millions. For persons 20 years old and over. Based on the National Health Interview Survey; see Appendix III.]

CHARACTERISTIC	1965	1970	1974	1976	1978	1979	1980	1983	1985	1987	1988
Total 20 years old and over <sup>1</sup> . . . . .	109.0	120.4	123.6	125.1	137.8	139.5	143.7	158.7	160.3	162.2	167.9
PRESENT SMOKERS											
Age:											
20 to 24 years old . . . . .	47.8	41.5	39.6	39.6	35.3	35.9	36.1	36.9	31.8	29.5	27.6
25 to 44 years old . . . . .	49.5	44.5	44.6	42.5	39.5	39.3	38.0	36.3	34.8	33.2	32.9
45 to 64 years old . . . . .	39.9	38.5	37.7	37.8	37.1	35.3	36.3	33.3	31.6	30.9	29.4
65 years old and over . . . . .	17.1	16.2	17.2	17.0	16.4	16.5	17.3	16.7	16.0	15.2	14.9
Sex:											
Male . . . . .	50.2	44.3	43.4	42.1	39.0	38.4	38.5	35.5	33.2	31.5	30.9
Female . . . . .	31.9	30.8	31.4	31.3	29.6	29.2	29.0	28.7	28.0	26.2	25.3
Race:											
White . . . . .	40.0	36.5	36.1	35.6	33.6	33.2	32.9	31.4	29.9	28.3	27.5
Black . . . . .	43.0	41.4	44.0	41.2	38.2	36.8	37.2	36.6	36.0	33.5	32.3
Educational attainment:											
Less than high school . . . . .	(NA)	34.8	36.5	35.8	35.3	34.9	35.5	34.7	35.7	33.9	32.8
High school graduate . . . . .	(NA)	38.3	37.6	37.8	36.5	35.4	35.7	35.6	34.2	32.9	32.6
Some college . . . . .	(NA)	36.7	36.9	36.4	32.7	33.3	31.2	30.0	28.1	25.8	25.4
College graduate . . . . .	(NA)	28.1	28.3	27.4	23.8	23.4	24.6	19.9	18.4	16.1	15.6
QUIT RATIO <sup>2</sup>											
Age:											
20 to 24 years old . . . . .	17.8	20.8	20.9	22.0	22.8	22.6	22.2	21.4	26.0	23.8	27.5
25 to 44 years old . . . . .	23.6	29.8	29.3	29.4	31.9	31.8	33.0	34.3	38.2	37.2	36.8
45 to 64 years old . . . . .	30.9	36.1	39.7	40.4	40.1	42.4	40.9	46.4	49.7	49.2	52.8
65 years old and over . . . . .	48.7	56.9	57.8	59.6	62.4	61.7	61.0	64.7	68.0	69.2	69.8
Sex:											
Male . . . . .	31.4	37.9	39.3	39.9	41.3	41.5	41.5	44.1	49.0	46.4	47.3
Female . . . . .	24.6	29.2	30.8	32.1	33.8	34.0	34.0	37.6	40.0	41.4	43.4
Race:											
White . . . . .	30.5	36.7	38.0	38.4	39.9	40.3	40.4	43.3	46.7	46.6	48.0
Black . . . . .	22.8	23.2	21.8	26.3	27.5	28.0	27.7	29.3	31.8	32.0	32.8
Educational attainment:											
Less than high school . . . . .	(NA)	39.1	38.0	39.5	38.7	40.8	39.4	42.1	41.3	44.3	46.3
High school graduate . . . . .	(NA)	33.6	35.2	35.0	36.3	36.7	36.5	38.7	40.5	41.1	41.6
Some college . . . . .	(NA)	34.9	36.6	37.2	41.0	37.5	40.6	41.2	46.0	45.5	46.4
College graduate . . . . .	(NA)	48.2	47.9	46.1	49.7	50.6	48.7	54.9	61.1	59.1	60.6

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Percent of persons who have ever smoked who are former smokers.

Source: U.S. Centers for Disease Control, Office of Smoking and Health, *Reducing the Health Consequences of Smoking, 1989* and unpublished data.

**No. 200. Cancer—Estimated New Cases, 1991, and Survival Rates, 1974-76 to 1981-87**

[The 5-year relative survival rate, which is derived by adjusting the observed survival rate for expected mortality, represents the likelihood that a person will not die from causes directly related to their cancer within five years. Survival data shown are based on those patients diagnosed while residents of an area listed below during the time periods shown. Data are based on information collected as part of the National Cancer Institute's Surveillance, Epidemiology and End Results (SEER) program, a collection of population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound, and San Francisco-Oakland]

SITE	ESTIMATED NEW CASES, <sup>1</sup> 1991 (1,000)			5 YEAR RELATIVE SURVIVAL RATES (percent)									
	Total	Male	Female	All races <sup>2</sup>				White			Black		
				1974-1976	1977-1980	1981-1987	1974-1976	1977-1980	1981-1987	1974-1976	1977-1980	1981-1987	1974-1976
All sites <sup>3</sup> . . . . .	1,100	545	555	49.1	49.4	51.1	50.0	50.5	52.5	38.6	38.8	38.4	38.4
Lung . . . . .	161	101	60	12.2	13.1	13.1	12.3	13.3	13.4	11.3	11.6	10.8	10.8
Breast <sup>4</sup> . . . . .	176	1	175	74.1	77.4	77.0	74.7	75.1	78.2	62.6	63.0	63.1	63.1
Colon . . . . .	112	54	58	49.9	52.5	57.0	50.1	52.7	57.8	45.5	47.7	47.3	47.3
Prostate . . . . .	122	122	(X)	66.5	70.7	74.1	67.4	71.8	75.6	57.7	62.2	63.0	63.0
Bladder . . . . .	50	37	13	72.3	74.7	78.1	73.5	75.6	79.0	47.5	54.7	59.2	59.2
Rectum . . . . .	46	25	21	48.2	49.6	54.3	48.5	50.6	55.1	41.2	36.8	44.1	44.1
Corpus uteri <sup>5</sup> . . . . .	33	(X)	33	88.2	84.3	82.9	89.0	85.6	84.4	62.2	56.2	55.5	55.5
Non-Hodgkin's lymphoma <sup>5</sup> . . . . .	37	20	18	47.0	48.3	50.8	47.4	48.5	51.4	47.8	49.2	44.5	44.5
Oral cavity and pharynx . . . . .	31	21	10	53.0	52.2	51.2	54.8	54.2	53.6	35.3	34.3	31.2	31.2
Leukemia <sup>5</sup> . . . . .	28	16	12	33.5	35.5	35.2	34.2	36.3	36.3	30.5	29.6	29.0	29.0
Melanoma of skin . . . . .	32	17	15	79.3	81.2	81.5	79.5	81.5	81.7	68.6	50.6	69.5	69.5
Pancreas . . . . .	28	14	15	2.6	2.5	3.1	2.7	2.3	2.8	2.2	5.1	4.3	4.3
Kidney . . . . .	25	16	10	51.4	51.7	53.0	51.5	51.3	53.2	48.9	56.5	52.1	52.1
Stomach . . . . .	24	15	9	15.0	16.5	17.0	14.3	15.6	16.0	16.1	16.4	17.4	17.4
Ovary . . . . .	21	(X)	21	36.4	38.1	38.8	36.2	37.5	38.7	40.8	39.6	36.1	36.1
Cervix uteri <sup>6</sup> . . . . .	13	(X)	13	68.3	67.4	65.9	69.1	68.3	67.5	63.0	61.9	57.4	57.4

X Not applicable. <sup>1</sup> Estimates provided by American Cancer Society are based on rates from the National Cancer Institute's SEER program 1984-87. <sup>2</sup> Includes other races, not shown separately. <sup>3</sup> Includes other sites, not shown separately.

<sup>4</sup> Survival rates for female only. <sup>5</sup> All types combined. <sup>6</sup> Invasive cancer only.

Source: U.S. National Institutes of Health, National Cancer Institute, *Cancer Statistics Review: 1973-1988*, 1991.

**No. 201. Women Who Have Had a Mammogram, Breast Physical Exam or Who Perform Breast Self Exams (BSE): 1987**

[For women 40 years old and over. Based on the National Health Interview Survey and subject to sampling error; for details see source and Appendix III]

AGE AND RACE	Total women (1,000)	PERCENT HAVING A—						PERCENT PERFORMING BSE					
		Mammogram		Breast physical exam				At least once a week	Once a month to less than once a week	Less than once a month			
		Ever	In the past—		Ever	In the past—							
			11 months	12-36 months		11 months	12-36 months						
Total <sup>1</sup>	47,676	38.1	14.6	14.3	81.3	33.2	30.4	14.5	32.8	20.0			
40 to 54 years old	19,597	42.2	16.8	16.1	86.7	39.0	32.3	13.4	37.4	24.5			
40 to 44 years old	7,664	38.8	14.7	15.3	87.3	39.4	32.5	9.7	42.0	27.4			
45 to 49 years old	6,344	43.5	18.1	16.7	86.6	39.1	30.4	15.8	35.2	22.8			
50 to 54 years old	5,588	45.5	18.3	16.6	86.1	38.5	34.3	16.1	33.2	22.3			
55 to 64 years old	11,749	41.1	16.9	13.6	83.1	31.9	32.4	14.8	35.0	18.6			
55 to 59 years old	5,814	43.2	17.6	14.9	85.9	34.5	33.6	14.3	35.5	19.4			
60 to 64 years old	5,935	38.7	16.1	12.1	80.0	28.9	31.1	15.4	34.4	17.7			
65 to 74 years old	9,665	35.2	12.9	14.3	76.8	30.7	26.3	15.7	30.4	17.2			
65 to 69 years old	5,436	37.5	14.7	14.0	79.8	33.3	26.0	15.9	33.6	16.4			
70 to 74 years old	4,229	32.1	10.5	14.7	72.7	27.1	26.9	15.6	26.1	18.3			
75 years old and over	6,665	24.8	8.0	9.9	68.2	21.8	26.7	15.3	18.8	13.1			
75 to 79 years old	3,418	30.0	9.6	12.4	73.1	23.6	27.7	13.7	23.0	14.6			
80 to 85 years old	2,008	20.4	5.1	9.4	65.5	20.1	29.6	18.6	17.7	10.7			
85 years old and over	1,239	17.5	7.9	3.6	58.8	19.7	19.4	14.5	9.2	12.9			
White	41,877	39.2	15.3	14.8	82.8	33.6	30.9	13.5	33.5	20.9			
40 to 54 years old	16,757	43.9	17.6	16.8	88.6	39.5	32.9	11.9	38.2	26.1			
55 to 64 years old	10,311	42.2	17.1	14.1	84.8	32.5	33.2	13.7	36.0	19.0			
65 to 74 years old	8,715	36.5	13.4	14.9	78.3	31.0	26.9	15.1	31.3	17.8			
75 years old and over	6,094	25.5	8.3	10.3	70.2	22.7	27.3	14.9	19.2	13.8			
Black	4,830	31.2	12.9	10.4	73.7	33.4	25.8	21.9	30.1	14.5			
40 to 54 years old	2,272	33.7	13.7	11.5	79.6	39.8	27.4	20.5	35.1	16.3			
55 to 64 years old	1,205	36.4	17.9	10.7	78.0	31.2	28.0	23.5	32.3	16.5			
65 to 74 years old	824	24.7	8.4	10.0	65.7	30.4	21.7	23.7	21.4	12.1			
75 years old and over	529	17.1	3.4	5.2	47.6	12.7	19.7	22.1	14.5	24.4			

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Relative standard error exceeds 30 percent of the estimate.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 172.

**No. 202. Personal Health Practices, by Selected Characteristic: 1985**

[In percent. For persons 18 years of age and over. Based on National Health Interview Survey; see Appendix III]

CHARACTERISTIC	Sleeps 6 hours or less	Never eats breakfast	Snacks every day	Less physically active <sup>1</sup>	Had 5 or more drinks on any day <sup>2</sup>	Current smoker	30 percent or more above weight <sup>3</sup>
All persons <sup>4</sup>	22.0	24.3	39.0	16.4	37.5	30.1	13.0
Age: 18 to 29 years old	19.8	30.4	42.2	17.1	54.4	31.9	7.5
30 to 44 years old	24.3	30.1	41.4	18.3	39.0	34.5	13.6
55 to 64 years old	22.7	21.4	37.9	15.3	24.6	31.6	18.1
65 years old and over	20.4	7.5	30.7	13.5	12.2	16.0	13.2
65 to 74 years old	19.7	9.0	32.4	15.8	(NA)	19.7	14.9
75 years old and over	21.5	5.1	27.8	9.8	(NA)	10.0	10.3
Sex: Male	22.7	25.2	40.7	16.5	49.3	32.6	12.1
Female	21.4	23.6	37.5	16.3	23.3	27.8	13.7
Race: White	21.3	24.5	39.4	16.7	36.3	29.6	12.4
All other	26.6	23.2	36.3	14.3	29.9	33.1	16.4
Black	27.8	23.6	37.2	13.9	29.3	34.9	18.7
Other	21.4	21.5	32.6	16.5	33.3	24.8	6.7
Education level: Less than 12 years	23.3	22.6	37.8	12.3	35.9	35.4	17.5
12 years	21.9	26.5	39.6	16.5	38.9	33.4	13.4
More than 12 years	21.2	23.3	39.2	19.1	36.8	23.1	9.4

<sup>1</sup> NA Not available. <sup>2</sup> Less than contemporaries. <sup>3</sup> Percent of drinkers who had 5 or more drinks on any one day in the past year. <sup>4</sup> Above desirable weight. Based on 1980 Metropolitan Life Insurance Company standards. Data are self-reported.

Excludes persons whose health practices are unknown.

Source: U.S. National Center for Health Statistics, *Health Promotion and Disease Prevention, United States 1985*, *Vital and Health Statistics*, series 10, No. 163 and unpublished data.

## No. 203. Medical Device Implants, by Age, Sex, and Race: 1988

[In thousands, except percent. Based in the National Health Interview Survey; for details, see Appendix III]

DEVICE	Total <sup>1</sup>	PERCENT DISTRIBUTION							
		Age				Sex		Race	
		Under 18 years old	18-44 years old	45-64 years old	65 years old and over	Male	Female	White	Black
Artificial joints <sup>2</sup>	1,625	30.6	13.0	24.6	61.7	39.9	60.1	92.3	6.2
Hip joints	816	30.5	6.5	26.3	66.7	37.5	62.4	93.5	5.5
Knee joints	521	-	10.9	20.5	68.5	41.8	58.2	88.1	10.0
Fixation devices <sup>4</sup>	4,890	3.9	44.3	28.4	23.4	57.2	42.8	91.7	6.6
Head	351	34.3	67.8	22.8	35.4	57.3	42.7	93.2	4.8
Torso	563	35.3	49.6	31.8	13.3	62.7	37.5	92.2	3.6
Upper extremities	646	33.7	55.9	25.4	15.0	70.4	29.7	91.6	35.6
Lower extremities	2,890	3.0	39.6	27.9	29.4	52.8	47.2	91.1	7.7
Other	622	36.4	34.4	34.1	25.1	57.9	42.1	93.6	3.7
Other devices:									
Ear vent tubes	1,494	52.8	627.0	734.6	812.6	39.9	61.1	92.3	6.2
Silicone implants	620	30.5	73.1	23.7	32.9	8.2	91.8	97.6	30.8
Breast implants	544	30.6	73.0	24.1	32.6	32.0	98.0	98.5	-
Shunt or catheter	321	24.3	24.3	22.1	29.3	50.5	49.2	85.7	312.5
Dental implants	275	32.2	57.8	27.3	32.7	56.4	43.6	93.8	4.0
Heart valve	279	(NA)	914.7	35.5	49.8	52.3	47.8	89.2	10.0
Pacemaker	460	(NA)	(NA)	1013.5	86.7	50.4	49.6	93.7	5.2
Eye lens	3,765	(NA)	(NA)	1018.7	81.3	37.6	62.4	95.6	3.5

<sup>1</sup> Represents or rounds to zero. NA Not available. <sup>2</sup> Includes other races, not shown separately. <sup>3</sup> Figure does not meet standards of reliability or precision. <sup>4</sup> Includes sites unknown. Each device represents a single body part regardless of the number of pins, screws, nails, wires, rods or plates. <sup>5</sup> Under 3 years old. <sup>6</sup> 3 to 5 years old. <sup>7</sup> 6 to 17 years old. <sup>8</sup> 18 years old and over. <sup>9</sup> Under 45 years old. <sup>10</sup> Under 65 years old.

Source: U.S. National Center for Health Statistics, *National Health Interview Survey*, 1988, unpublished data.

## No. 204. Cumulative Percent Distribution of Population by Height and Sex: 1976-80

[For persons 18 to 74 years old. Height was measured without shoes. Based on sample and subject to sampling variability; see source]

HEIGHT	MALES						FEMALES					
	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years
Percent under—												
4'9"	-	-	-	-	-	-	0.05	-	0.10	0.28	0.46	1.04
4'10"	-	-	-	-	-	-	0.43	0.23	0.34	0.35	1.07	2.27
4'10"	-	-	-	-	-	-	0.94	0.64	0.95	1.22	3.02	4.23
4'11"	-	-	-	-	-	-	2.22	1.65	1.94	4.20	6.43	9.33
5'	0.18	0.05	0.27	-	0.27	0.24	4.22	3.65	4.56	8.88	11.40	17.20
5'1"	0.18	0.31	0.34	0.19	0.72	1.22	9.13	8.60	7.75	16.16	19.70	29.00
5'2"	0.34	0.42	0.87	0.70	0.92	2.66	17.75	19.11	18.24	27.68	31.71	44.34
5'2"	0.61	0.54	2.07	1.50	2.78	5.97	29.06	32.96	33.11	39.83	45.87	59.15
5'4"	2.37	1.55	3.68	2.55	5.28	10.53	41.81	47.43	49.90	57.21	63.89	76.44
5'5"	3.85	4.36	6.36	5.72	9.29	18.31	58.09	61.36	63.88	70.47	77.44	86.97
5'6"	8.24	9.51	12.39	11.39	17.54	29.42	74.76	74.92	78.07	84.64	88.91	94.63
5'7"	16.18	15.25	17.63	21.24	29.10	41.63	85.37	85.65	87.95	91.21	94.56	97.86
5'8"	26.68	26.69	26.40	33.56	43.53	57.75	92.30	93.28	93.43	96.28	97.70	99.20
5'9"	38.89	39.68	42.52	50.39	58.21	69.96	96.23	97.19	97.18	98.17	99.36	99.81
5'10"	53.66	55.35	57.01	63.98	71.51	81.95	98.34	99.49	99.19	99.58	99.78	99.92
5'11"	68.25	69.67	70.70	76.94	83.09	89.59	99.38	99.68	99.39	99.84	99.81	100.00
6'	80.14	81.58	81.15	85.83	90.99	94.52	-	-	-	-	-	-
6'1"	88.54	89.95	90.04	93.43	96.28	97.82	-	-	-	-	-	-
6'2"	92.74	95.57	95.05	98.01	97.66	99.17	-	-	-	-	-	-
6'3"	96.17	97.98	97.82	99.35	98.90	99.86	-	-	-	-	-	-
6'4"	98.40	99.23	99.19	99.70	99.79	100.00	-	-	-	-	-	-

- Represents or rounds to zero.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 238.

## No. 205. Per Capita Consumption of Major Food Commodities: 1970 to 1990

[In pounds, retail weight except as indicated. Consumption represents the residual after exports, nonfood use and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. Based on Bureau of the Census estimated population. Estimates reflect revisions based on the 1990 Census of Population. For similar but unrevised data, see *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1970	1975	1980	1985	1986	1987	1988	1989	1990
Red meat, total (boneless, trimmed weight) <sup>1,2</sup>	132.0	125.3	126.4	124.9	122.2	117.4	119.5	115.9	112.3
Beef	79.6	83.0	72.1	74.6	74.4	69.5	68.6	65.4	64.0
Veal	2.0	2.8	1.3	1.5	1.6	1.3	1.1	1.0	0.9
Lamb and mutton	2.1	1.3	1.0	1.1	1.0	1.0	1.0	1.1	1.1
Pork (excluding lard)	48.2	38.2	52.1	47.7	45.2	45.6	48.8	48.4	46.3
Fish and shellfish (edible weight) <sup>3</sup>	11.8	12.2	12.5	15.1	15.5	16.2	15.2	15.6	15.5
Fresh and frozen	6.9	7.5	7.9	9.8	9.8	10.7	10.0	10.2	10.1
Canned	4.5	4.3	4.3	5.0	5.4	5.2	4.9	5.1	5.1
Tuna	2.5	2.9	3.0	3.3	3.6	3.5	3.6	3.9	3.7
Cured	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Poultry products: (boneless weight) <sup>2,4</sup>	34.1	34.2	42.6	49.4	51.3	55.5	57.4	60.8	63.6
Chicken	27.7	27.5	34.3	39.9	40.7	43.4	44.7	47.3	49.3
Turkey	6.4	6.7	8.3	9.6	10.6	12.1	12.6	13.5	14.4
Eggs (farm weight) (number)	309	276	271	255	254	254	246	236	233
Dairy products:									
Total (milk equivalent) <sup>5</sup>	562.8	539.1	543.3	593.7	591.5	601.3	583.2	565.3	570.6
Fluid milk and cream <sup>6</sup>	275.1	261.4	245.6	241.0	240.5	238.5	234.6	236.4	233.2
Beverage milks	259.1	254.0	237.4	229.7	228.6	226.5	222.3	224.3	221.5
Plain whole milk	213.5	174.9	141.7	119.7	112.9	108.5	102.4	94.5	87.6
Plain lowfat milk	29.8	53.2	70.1	83.3	88.1	89.6	89.9	96.3	98.2
Plain skim milk	11.6	11.5	11.6	12.6	13.5	14.0	16.1	20.2	22.9
Flavored whole milk	5.6	6.3	4.7	3.7	3.5	3.4	3.3	3.1	2.8
Flavored lowfat and skim milks	3.0	3.3	5.3	6.0	6.3	6.6	6.6	6.5	6.6
Buttermilk	5.5	4.7	4.1	4.4	4.2	4.3	4.1	3.7	3.5
Yogurt	0.8	2.1	2.6	4.1	4.4	4.4	4.7	4.3	4.1
Cream	3.8	3.3	3.4	4.4	4.7	4.7	4.6	4.8	4.6
Sour cream and dip	1.1	1.6	1.8	2.3	2.4	2.4	2.5	2.5	2.5
Condensed and evaporated milk:									
Whole milk	7.0	5.2	3.8	3.6	3.6	3.7	3.5	3.1	3.1
Skim milk	5.0	3.5	3.3	3.8	4.3	4.2	4.2	4.7	4.8
Cheese <sup>8</sup>	11.4	14.3	17.5	22.5	23.1	24.1	23.7	23.9	24.7
American	7.0	8.2	9.6	12.2	12.1	12.4	11.4	11.1	11.1
Cheddar	5.9	6.0	6.9	9.8	9.8	10.6	9.5	9.2	9.2
Italian	2.1	3.2	4.4	6.5	7.0	7.6	8.1	8.5	9.1
Mozzarella	1.2	2.1	3.0	4.6	5.2	5.6	6.0	6.4	6.9
Other <sup>9</sup>	2.3	2.9	3.4	3.9	4.0	4.1	4.1	4.3	4.4
Swiss	0.9	1.1	1.3	1.3	1.3	1.2	1.3	1.2	1.4
Cream and Neufchatel	0.6	0.7	1.0	1.2	1.3	1.4	1.5	1.6	1.7
Cottage cheese	5.2	4.7	4.5	4.1	4.1	3.9	3.9	3.6	3.4
Ice cream	17.8	18.6	17.5	18.1	18.4	18.4	17.3	16.1	15.7
Ice milk	7.7	7.6	7.1	6.9	7.2	7.4	8.0	8.4	7.7
Fats and oils:									
Total, fat content only <sup>10</sup>	52.6	52.6	57.2	64.3	64.3	62.9	63.0	61.1	62.7
Butter (product weight)	5.4	4.7	4.5	4.9	4.6	4.7	4.5	4.4	4.4
Margarine (product weight)	10.8	11.0	11.3	10.8	11.4	10.5	10.3	10.2	10.9
Lard (direct use)	4.6	3.2	2.6	1.8	1.7	1.8	1.8	1.8	2.2
Edible tallow (direct use)	(NA)	(NA)	1.1	1.9	1.8	0.9	0.8	0.9	0.8
Shortening	17.3	17.0	18.2	22.9	22.1	21.4	21.5	21.5	22.2
Salad and cooking oils	15.4	17.9	21.2	23.5	24.2	25.4	25.8	24.0	24.2
Other edible fats and oils	2.3	2.0	1.5	1.6	1.7	1.3	1.3	1.3	1.4
Flour and cereal products:									
Wheat flour	135.1	138.8	145.5	158.0	163.9	173.4	172.9	175.0	185.4
Rye flour	110.9	114.5	116.9	124.7	125.7	129.9	130.0	129.2	137.8
Rice, milled <sup>12</sup>	6.7	7.6	9.5	9.1	11.7	13.9	14.4	15.6	16.6
Corn products	11.1	10.8	12.9	17.8	19.8	22.5	20.7	21.8	22.1
Oat products	4.2	4.2	4.6	4.8	5.1	5.5	6.2	6.9	7.4
Barley products	1.0	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9
Calorie sweeteners, total <sup>13</sup>	122.6	117.9	123.9	130.0	129.1	132.6	133.2	134.3	137.5
Sugar, refined cane and beet	101.8	89.2	83.6	62.7	60.0	62.4	62.1	62.5	64.2
Corn sweeteners (dry weight)	19.3	27.4	39.1	65.9	67.7	68.9	69.7	70.3	71.9
Low-calorie sweeteners (sugar sweetness equivalent) <sup>14</sup>	5.8	6.1	7.7	18.1	18.5	19.1	20.0	(NA)	(NA)
Saccharin	5.8	6.1	7.7	6.0	5.5	5.5	6.0	(NA)	(NA)
Aspartame	-	-	-	12.1	13.0	13.6	14.0	(NA)	(NA)
Other:									
Cocoa beans	3.9	3.2	3.4	4.6	4.8	4.8	4.8	4.9	5.2
Coffee (green beans)	13.6	12.2	10.3	10.5	10.5	10.2	9.8	10.3	10.2
Peanuts (shelled)	5.5	6.0	4.8	6.3	6.4	6.4	6.9	7.0	6
Tree nuts (shelled)	1.8	2.0	1.8	2.4	2.3	2.2	2.3	2.3	2.5

<sup>1</sup> Represents or rounds to zero. NA Not available. <sup>2</sup> Excludes edible offals. <sup>3</sup> Excludes shipments to Puerto Rico and the other U.S. possessions. <sup>4</sup> Excludes consumption from recreational fishing, approximately 3 to 4 pounds per capita.

<sup>5</sup> Includes backs, necks, skin, and giblets. <sup>6</sup> Fluid milk figures are aggregates of commercial sales and milk produced and consumed on farms. Heavy cream, light cream, and half and half. <sup>8</sup> Excludes cottage, pot, and baker's cheese. <sup>9</sup> Includes other cheeses, not shown separately. <sup>10</sup> The fat content of butter and margarine is 80 percent of product weight. <sup>11</sup> White, whole wheat, semolina, and durum flour. <sup>12</sup> For crop year beginning in previous year. <sup>13</sup> Dry weight. Includes edible syrups (maple, molasses, etc.) and honey, not shown separately. <sup>14</sup> Assumes saccharin is 300 times as sweet as sugar and aspartame 200 times as sweet as sugar.

Source: U.S. Department of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures*, annual.

**No. 206. Per Capita Utilization of Selected Commercially Produced Fresh Fruits and Vegetables: 1970 to 1990**

[In pounds, farm weight. Domestic food use of fresh fruits and vegetables reflects the fresh-market share of commodity production plus imports and minus exports. All data are on a calendar year basis except for citrus fruits, October or November; apples, August; grapes and pears, July; prior to years indicated. See headnote, table 205.]

COMMODITY	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989	1990
Fresh fruits, total . . . . .	79.4	85.0	90.0	87.6	93.2	91.7	89.3	95.9	101.1	99.2	99.2	92.3
Noncitrus . . . . .	50.6	55.6	61.2	62.9	63.7	67.6	66.7	69.8	75.4	72.7	74.3	69.8
Bananas . . . . .	17.4	17.6	20.8	22.6	21.3	22.2	23.5	25.8	25.0	24.3	24.7	24.4
Apples . . . . .	17.0	18.5	18.2	17.7	18.5	18.6	17.5	18.2	21.3	20.0	21.6	19.8
Grapes . . . . .	2.5	3.2	3.8	6.2	6.0	6.5	7.5	7.3	7.6	8.2	8.4	7.8
Peaches . . . . .	5.8	5.0	5.7	4.0	4.1	5.4	4.0	4.7	4.7	5.1	4.2	3.7
Pears . . . . .	1.9	2.7	2.6	2.9	3.0	2.6	2.8	3.1	3.6	3.3	3.4	3.2
Strawberries . . . . .	1.7	1.8	2.0	2.4	2.4	3.1	3.1	3.0	3.3	3.5	3.5	3.3
Pineapples . . . . .	0.7	1.0	1.5	1.7	1.7	1.5	1.5	1.8	1.7	1.8	2.0	2.1
Plums . . . . .	1.5	1.3	1.6	1.1	1.5	2.0	1.5	1.4	2.1	1.8	1.6	1.5
Nectarines . . . . .	0.6	0.9	1.6	1.4	1.5	1.5	1.7	1.4	1.5	1.5	1.5	1.5
Other . . . . .	1.5	2.5	2.3	3.0	3.8	4.2	3.5	3.3	4.5	3.2	3.4	2.4
Citrus . . . . .	28.8	29.4	28.9	24.8	29.5	24.0	22.6	26.1	25.8	26.4	24.9	22.6
Oranges . . . . .	16.2	15.9	15.8	12.7	16.1	12.8	12.3	14.5	14.0	14.7	13.0	13.4
Grapefruit . . . . .	8.2	8.3	8.0	7.5	8.2	6.4	5.8	6.6	6.7	6.8	6.9	4.5
Other <sup>2</sup> . . . . .	4.4	5.2	5.0	4.5	5.2	4.8	4.5	4.9	5.0	5.0	5.0	4.7
Selected melons . . . . .	21.7	17.7	17.9	22.0	19.6	23.9	24.1	24.6	24.3	23.7	26.3	25.2
Watermelons . . . . .	13.5	11.4	10.7	12.5	11.3	14.4	13.5	12.8	13.0	13.5	13.4	14.1
Cantaloups . . . . .	7.2	5.2	5.8	7.7	6.5	7.7	6.5	9.4	9.1	7.9	10.4	9.1
Honeydews . . . . .	1.0	1.1	1.4	1.8	1.8	2.1	2.4	2.2	2.3	2.5	2.0	
Selected fresh vegetables . . .	88.8	89.9	92.7	95.9	92.6	100.3	100.2	98.3	105.7	109.6	112.9	111.0
Asparagus . . . . .	0.4	0.4	0.3	0.4	0.4	0.4	0.5	0.6	0.6	0.6	0.6	0.6
Broccoli . . . . .	0.5	1.0	1.4	2.0	2.0	2.5	2.8	3.0	3.1	3.8	3.8	3.4
Cabbage . . . . .	11.4	9.1	8.1	9.2	8.5	9	9.2	8.2	8.0	8.7	8.4	8.7
Carrots . . . . .	6.0	6.4	6.1	6.6	6.4	6.9	6.5	6.5	8.3	7.2	7.8	8.0
Cauliflower . . . . .	0.7	0.9	1.1	1.3	1.4	1.8	1.8	2.2	2.1	2.2	2.2	
Celery . . . . .	7.3	6.9	7.5	7.6	7.2	7.3	7.0	6.6	6.7	7.2	7.5	7.2
Corn . . . . .	7.8	7.8	6.5	6.0	6.1	6.4	6.4	6.0	6.3	5.7	6.4	6.4
Cucumbers . . . . .	2.9	2.9	3.9	3.9	3.9	4.1	3.9	4.6	5.0	4.8	4.8	4.6
Iceberg lettuce . . . . .	22.4	23.5	25.6	24.8	22.4	24.9	23.7	21.9	25.7	27.0	28.7	27.8
Onions . . . . .	12.4	13.4	13.3	15.4	15.0	15.9	16.4	16.7	16.3	17.6	17.7	18.6
Snap beans . . . . .	1.5	1.4	1.3	1.3	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.1
Green peppers . . . . .	2.2	2.5	2.9	3.0	3.3	3.6	3.6	4.0	4.2	4.5	4.7	4.6
Tomatoes . . . . .	12.1	12.0	12.8	12.5	12.6	14.2	14.8	15.6	15.8	16.8	16.7	15.4
Other fresh <sup>3</sup> . . . . .	1.2	1.7	1.9	1.8	2.2	2.0	2.3	1.9	2.4	2.3	2.4	2.4
Potatoes . . . . .	121.7	122.2	114.3	114.8	118.4	121.9	122.4	125.7	125.7	122.2	126.7	127.2
Fresh . . . . .	61.8	52.6	51.1	47.1	49.8	48.3	46.3	48.8	47.9	49.6	49.6	45.4
For freezing . . . . .	28.5	37.1	35.4	38.6	39.2	43.7	45.4	46.2	47.8	43.2	46.5	49.9
For chips/shoestrings . . .	17.4	15.5	16.6	17.1	17.8	18	17.6	18.2	17.6	17.2	17.5	17.3
For dehydrating . . . . .	12.0	14.7	9.4	10.2	9.8	10.1	11.2	10.7	10.6	10.2	11.1	12.8
For canning . . . . .	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.8	1.8	1.9	2.0	1.9
Sweet potatoes <sup>4</sup> . . . . .	5.4	5.4	4.4	5.5	4.6	4.9	5.4	4.4	4.4	4.1	4.1	4.7
Mushrooms . . . . .	1.3	1.9	2.7	3.0	3.5	3.5	3.6	3.8	3.5	3.5	3.5	3.7
For fresh . . . . .	0.3	0.7	1.2	1.4	1.6	1.8	1.8	1.9	1.9	2.0	2.0	2.0
For processing . . . . .	1.0	1.2	1.5	1.5	1.8	1.8	1.8	1.9	1.6	1.6	1.5	1.7

<sup>1</sup> Includes apricots, avocados, cherries, cranberries, figs, kiwifruit, mangos, olives, papayas, persimmons, and pomegranates.  
<sup>2</sup> Includes tangerines, tangelos, lemons, and limes.  
<sup>3</sup> Includes artichokes, garlic, and eggplant.  
<sup>4</sup> Fresh and processed.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices and Expenditures*, annual; and unpublished data.

**No. 207. Per Capita Consumption of Selected Beverages, by Type: 1970 to 1990**

[In gallons. See headnote, table 205]

COMMODITY	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989	1990
Nonalcoholic <sup>1</sup> . . . . .	95.8	95.8	101.7	100.4	101.1	102.1	102.5	104.5	105.1	106.6	105.8
Milk (plain and flavored) . . . . .	31.2	29.5	27.6	26.3	26.4	26.7	26.5	26.3	25.8	26	25.7
Whole . . . . .	25.4	21.0	17.0	15.1	14.7	14.3	13.5	13.0	12.3	11.3	10.5
Lowfat . . . . .	4.5	7.1	9.2	9.9	10.3	10.9	11.5	11.7	11.7	12.4	12.6
Skim . . . . .	1.3	1.3	1.3	1.2	1.3	1.5	1.6	1.6	1.9	2.3	2.7
Tea . . . . .	6.8	7.5	7.3	7.0	7.1	7.1	7.0	7.1	7.1	6.9	
Coffee . . . . .	33.4	31.4	26.7	26.3	26.8	27.4	27.5	26.7	25.7	26.9	26.7
Soft drinks . . . . .	20.8	22.2	35.0	35.2	36.0	35.7	35.8	39.2	41.1	41.8	42.5
Citrus juice . . . . .	3.6	5.2	5.1	5.6	4.8	5.2	5.6	5.3	5.4	4.8	4.0
Alcoholic (adult population) . . . . .	35.7	39.7	42.8	41.7	41.1	40.5	40.6	40.0	39.5	38.9	39.5
Beer . . . . .	30.6	33.9	36.6	35.6	35.0	34.4	34.7	34.4	34.1	33.7	34.4
Wine . . . . .	2.2	2.7	3.2	3.3	3.4	3.5	3.5	3.3	3.2	3.0	2.9
Distilled spirits . . . . .	3.0	3.1	3.0	2.7	2.6	2.5	2.4	2.3	2.2	2.1	2.2

<sup>1</sup> Excludes vegetable juices, noncitrus fruit juices and drinks, canned concentrated citrus juices, and chilled-fresh citrus juices produced for local sale. Includes chilled citrus juices produced commercially from fresh fruit in Florida.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures*, annual; and unpublished data.

**No. 208. Nutrition—Nutrients in Foods Available for Civilian Consumption per Capita per Day and Percent Change: 1955 to 1988**

[Based on estimates of per capita food consumption at the retail level, on imputed consumption data for foods no longer reported, and on estimates of quantities of home grown produce. Food supply estimates do not reflect loss of food or nutrients from further marketing or home processing. Enrichment and fortification levels of iron, thiamin, riboflavin, niacin, vitamin A, vitamin B<sub>6</sub>, vitamin B<sub>12</sub>, and ascorbic acid are included. Minus sign (-) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851-856 for related details.]

NUTRIENT	UNIT	1955-59	1965-69	1975-79	1985-88	PERCENT CHANGE, 1985-88 FROM		
						1955-59	1965-69	1975-79
Food energy	Calories	3,100	3,200	3,300	3,600	13.9	11.1	8.3
Protein	Grams	94	97	99	104	9.6	6.7	4.8
Total fat <sup>1</sup>	Grams	142	154	157	169	16.0	8.9	7.1
Saturated	Grams	80	82	58	61	1.6	-1.6	4.9
Monounsaturated	Grams	56	62	63	67	16.4	7.5	6.0
Polyunsaturated	Grams	19	23	29	34	44.1	32.4	14.7
Cholesterol	Milligrams	510	490	450	440	-15.9	-11.4	-2.3
Carbohydrate	Grams	380	380	390	420	9.5	9.5	7.1
Vitamin A	Retinol equivalents	1,320	1,350	1,540	1,630	19.0	17.2	5.5
Carotenes	Retinol equivalents	430	430	600	750	42.7	42.7	20.0
Vitamin E	Milligram α-TE <sup>2</sup>	11.3	12.7	14.5	16.3	30.7	22.1	11.0
Ascorbic acid	Milligrams	100	96	111	116	13.8	17.2	4.3
Thiamin	Milligrams	1.9	1.9	2.1	2.2	13.6	13.6	4.5
Riboflavin	Milligrams	2.3	2.2	2.4	2.4	4.2	8.3	0.0
Niacin	Milligrams	20	22	24	26	23.1	15.4	7.7
Vitamin B <sub>6</sub>	Milligrams	1.9	2.0	2.1	2.1	9.5	4.8	0.0
Folacin	Micrograms	282	267	277	283	0.4	5.7	2.1
Vitamin B <sub>12</sub>	Micrograms	9.4	10.0	10.0	9.2	-2.2	-8.7	-8.7
Calcium	Milligrams	920	850	850	900	-2.2	5.6	5.6
Phosphorus	Milligrams	1,470	1,460	1,470	1,530	3.9	4.6	3.9
Magnesium	Milligrams	320	310	310	330	3.0	6.1	6.1
Iron	Milligrams	13.8	14.3	15.1	17.0	18.8	15.9	11.2
Zinc	Milligrams	11.8	12.3	12.5	12.6	6.3	2.4	0.8
Copper	Milligrams	1.6	1.5	1.6	1.6	0.0	6.3	0.0
Potassium	Milligrams	3,530	3,380	3,370	3,460	-2.0	2.3	2.6

<sup>1</sup> Includes other types of fat, not shown separately. <sup>2</sup> Alpha-Tocopherol equivalents.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Data published by Economic Research Service in *Food Consumption, Prices, and Expenditures*, annual; and *National Food Review*, quarterly.

**No. 209. Persons Using Vitamin-Mineral Products, by Selected Characteristic: 1986**

[Based on the National Health Interview Survey and subject to sampling error; for details, see Appendix III and source]

CHARACTERISTIC	PERSONS (1,000)				PERCENT USING VITAMIN-MINERAL PRODUCTS					
	Adults 18 years old and over				Children 2-6 yrs. old	Adults 18 years old and over				
	Total	18-44	45-64	65 and over		Total	18-44	45-64	65 and over	
Total <sup>1</sup>	169,587	97,541	44,660	27,386	18,162	36.4	34.4	39.8	38.2	43.3
Sex: Male	81,804	49,225	21,289	11,290	8,252	31.2	30.2	32.7	32.2	44.4
Female	87,783	48,316	23,371	16,096	8,910	41.3	38.6	46.2	42.4	42.2
Race/ethnicity:										
White	145,842	82,172	39,064	24,607	14,805	38.5	36.2	42.2	40.1	46.3
Black	18,583	11,821	4,477	2,286	2,711	21.5	22.7	22.2	14.2	30.3
Other	5,162	3,549	1,120	493	646	32.0	31.1	26.3	52.3	30.7
Hispanic origin <sup>2</sup>	10,495	7,456	2,282	758	2,014	28.7	26.7	31.5	40.6	37.6
Mexican	5,308	3,969	1,029	312	1,207	23.5	22.8	24.8	(B)	36.9
Puerto Rican	1,140	729	343	(B)	(B)	28.0	(B)	(B)	(B)	(B)
Cuban	927	516	292	(B)	(B)	21.9	(B)	(B)	(B)	(B)
Years of school completed: <sup>3</sup>										
Less than 12 years	41,599	15,785	12,356	13,459	2,680	25.5	20.3	26.3	30.7	26.9
12 years	64,954	38,599	18,388	7,967	6,572	36.0	31.2	42.1	45.3	40.1
13 years or more	62,013	42,764	13,690	5,558	8,865	44.3	42.6	49.3	47.3	51.0
Family income:										
Less than \$7,000	14,889	8,135	2,676	4,077	1,928	27.3	26.6	27.8	30.2	22.8
\$7,000 to \$14,999	24,752	12,257	5,176	7,318	2,674	32.5	30.6	30.4	37.0	38.6
\$15,000 to \$24,999	33,138	19,272	8,250	5,615	3,691	34.8	32.2	35.1	43.1	44.2
\$25,000 to \$39,999	41,161	26,819	10,874	3,467	4,847	38.6	36.6	43.2	42.6	51.2
\$40,000 or more	33,806	20,737	11,151	1,918	3,200	44.8	41.7	50.6	44.3	50.3

B Base figure too small to meet statistical standards of a reliable figure. <sup>1</sup> Includes persons with education and income unknown. <sup>2</sup> Includes persons of other Hispanic origin. Persons of Hispanic origin may be of any race. <sup>3</sup> For children, education of responsible adult.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 174.

# Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries and computer usage in schools. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, section 1); annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics, a part of the U.S. Department of Education; and surveys conducted by the National Education Association.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment periodically since 1947.

The National Center for Education Statistics is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at the elementary, secondary, and higher education levels. It is also a primary source for detailed information on Federal funds for education, projections of enrollment, graduates, and teachers. *The Condition of Education*, issued annually, presents a summary of information on education of particular interest to policymakers.

Other sources of data include special studies by the National Center for Education Statistics and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports pub-

## In Brief

**The enrollment rate of 3 to 5 year olds in preprimary school:**

1970	37 percent
1990	59 percent

**Persons 25 years old and over completing college:**

1970	11 percent
1991	21 percent

**Engineering and math doctoral students, nonresident aliens:**

1988-89	48 percent of total
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lished by the Bureau of Labor Statistics contain data relating civilian labor force experience to educational attainment (see also tables 611, 616, 631, and 637 in section 13).

**Types and sources of data.**—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their family members' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

For enrollment data starting in October 1981, the CPS used 1980 census population controls; for years 1971 through 1980, 1970 census population controls had been used. This change had little impact on summary measures (e.g., medians) and proportional measures (e.g., enrollment rates); however, use of the controls may have significant impact on absolute numbers.

Beginning with data for 1986, a new edit and tabulation package for school enrollment has been introduced. The data produced increased the estimates of high school enrollment for 1986 by 200,000 and college enrollment by 300,000. See

table 218 which presents both earlier and revised estimates. In other enrollment tables, revised estimates are shown. In 1988, a new edit and tabulation package was introduced for educational attainment data.

The second type, generally exemplified by data from the National Center for Education Statistics and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike the National Center for Education Statistics, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. The National Center for Education Statistics includes nursery schools and kindergartens that are part of regular grade schools in their enrollment figures. The Census Bureau includes all nursery schools and kindergartens. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

**School attendance.**—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

**Schools.**—The National Center for Education Statistics defines a *school* as "a division of the school system consisting of students composing one or more grade groups or other identifiable groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree.

They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools.

*Public* schools are schools controlled and supported by local, State, or Federal governmental agencies; *private* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

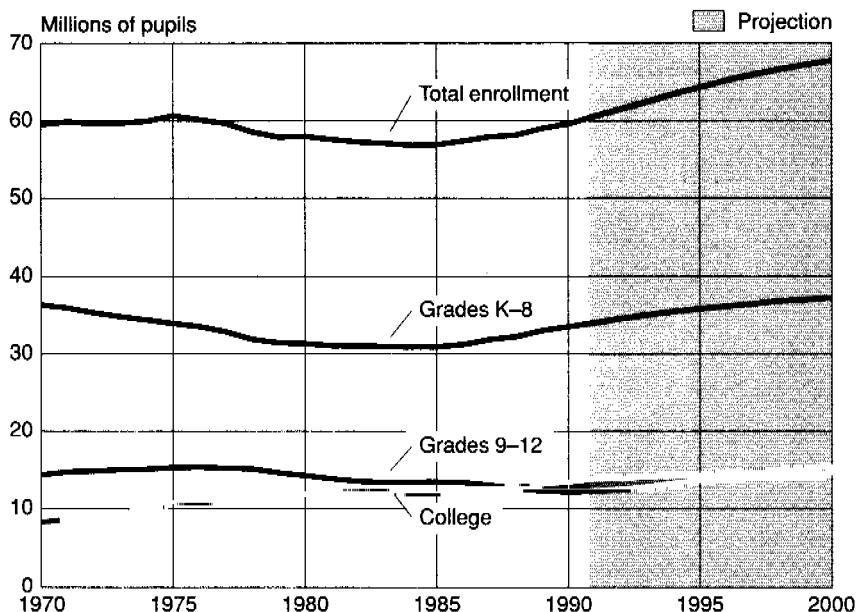
The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and universities and graduate or professional schools. Statistics reported by the National Center for Education Statistics and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

**School year.**—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

**Statistical reliability.**—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and the National Center for Education Statistics data, see Appendix III.

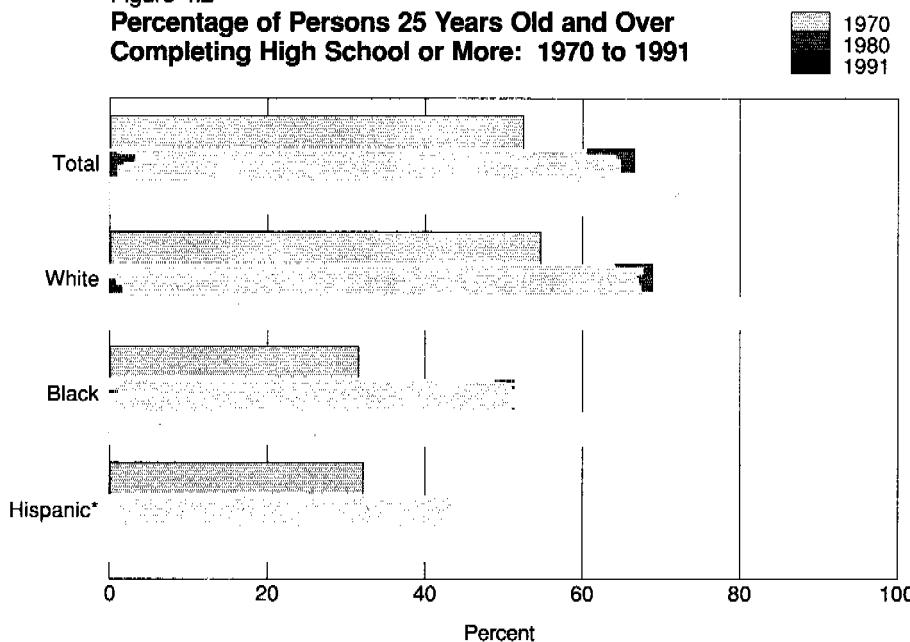
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix IV.

**Figure 4.1  
School Enrollment: 1970 to 2000**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 215.

**Figure 4.2  
Percentage of Persons 25 Years Old and Over  
Completing High School or More: 1970 to 1991**



\*Persons of Hispanic origin may be of any race.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 220.

**No. 210. School Enrollment, 1955 to 1990, With Projections to 2002, and Number of Schools, 1955 to 1988**

[In thousands. Enrollment and number of schools as of fall. See also *Historical Statistics, Colonial Times to 1970*, series H 421-429]

ITEM AND YEAR	TOTAL		ELEMENTARY <sup>1</sup>		SECONDARY		COLLEGE	
	Public	Private	Public	Private	Public	Private	Public	Private
<b>Enrollment:</b> <sup>2</sup>								
1955	32,164	5,777	22,159	3,800	8,521	800	3,1484	1,177
1965	46,039	8,251	26,604	4,900	15,465	1,400	3,970	1,951
1970	52,322	7,516	27,492	4,052	18,402	1,311	6,428	2,153
1971	52,875	7,344	27,682	3,900	18,389	1,300	6,804	2,144
1972	52,797	7,144	27,312	3,700	18,414	1,300	7,071	2,144
1973	52,864	7,183	26,443	3,700	19,001	1,300	7,420	2,183
1974	53,062	7,235	26,394	3,700	18,679	1,300	7,989	2,235
1975	53,655	7,350	25,656	3,700	19,164	1,300	8,835	2,350
1976	52,984	7,526	25,427	3,825	18,884	1,342	8,653	2,359
1977	52,424	7,579	24,954	3,797	18,623	1,343	8,847	2,439
1978	51,338	7,559	25,018	3,732	17,534	1,353	8,786	2,474
1979	50,688	7,533	24,547	3,700	17,104	1,300	9,037	2,533
1980	50,334	7,971	24,196	3,992	16,681	1,339	9,457	2,640
1981	49,691	8,225	24,087	4,100	15,957	1,400	9,647	2,725
1982	49,261	8,330	23,823	4,200	15,742	1,400	9,696	2,730
1983	48,935	8,497	23,949	4,315	15,303	1,400	9,683	2,782
1984	48,685	8,465	24,095	4,300	15,113	1,400	9,477	2,765
1985	48,901	8,325	24,229	4,195	15,193	1,362	9,479	2,768
1986	49,467	8,242	24,150	4,116	15,603	1,336	9,714	2,790
1987	49,980	8,272	24,304	4,232	15,703	1,247	9,973	2,793
1988	50,350	8,136	24,415	4,036	15,774	1,206	10,161	2,894
1989	51,041	8,298	24,620	4,162	15,906	1,193	10,515	2,943
1990, est.	51,767	8,165	25,614	4,066	15,412	1,129	10,741	2,970
2000, proj.	58,759	9,339	28,175	4,516	18,364	1,351	12,220	3,472
2002, proj.	58,546	9,480	28,238	4,545	18,830	1,383	12,478	3,552
<b>Schools:</b> <sup>4</sup>								
1955	(X)	(X)	104.4	12.4	26.0	3.9	0.7	1.2
1965	(X)	(X)	73.2	15.3	26.6	4.6	0.8	1.4
1970	(X)	(X)	65.8	14.4	25.4	3.8	(NA)	(NA)
1976 <sup>5</sup>	(X)	(X)	62.6	16.4	25.4	5.9	1.5	1.6
1978	(X)	(X)	62.0	16.1	24.5	5.8	1.5	1.7
1980	(X)	(X)	61.1	16.8	24.4	5.7	1.5	1.7
1984	(X)	(X)	58.8	(NA)	23.9	(NA)	1.5	1.8
1986	(X)	(X)	60.8	(NA)	23.4	(NA)	1.5	1.9
1987	(X)	(X)	61.5	(NA)	22.9	(NA)	1.6	2.0
1988	(X)	(X)	61.5	(NA)	22.8	(NA)	1.6	2.0

NA Not available. X Not applicable. <sup>1</sup> Enrollment includes kindergarten. <sup>2</sup> For regular schools. <sup>3</sup> Degree-credit enrollment only. <sup>4</sup> Excludes schools not reported by level, such as special education. Schools with both elementary and secondary programs are included under elementary and also secondary. <sup>5</sup> Beginning 1976, branch campuses of college institutions counted separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual and *Projections of Education Statistics*, annual.

**No. 211. School Expenditures, by Type of Control and Level of Instruction in Constant (1989-90) Dollars: 1960 to 1991**

[In millions of dollars. For school years ending in year shown. Total expenditures for public elementary and secondary schools include current expenditures, interest on school debt and capital outlay. See also Appendix III. See *Historical Statistics, Colonial Times to 1970*, series H 494, 499, and 500 for related but not comparable data, and H 513-519 for private schools]

YEAR	Total	ELEMENTARY AND SECONDARY SCHOOLS			COLLEGES AND UNIVERSITIES		
		Total	Public	Private <sup>1</sup>	Total	Public	Private <sup>1</sup>
1960	103,100	72,224	67,471	4,754	30,886	16,869	14,016
1970	230,115	145,155	136,751	8,403	84,960	54,569	30,391
1975	266,404	168,785	158,978	9,807	97,619	66,112	31,507
1979	274,911	172,411	160,733	11,678	102,500	68,789	33,712
1980	270,896	168,729	156,953	11,776	102,167	67,768	34,398
1981	268,021	164,646	152,527	12,020	103,375	68,247	35,128
1982	266,682	162,565	150,017	12,548	104,317	68,559	35,758
1983	274,366	166,529	153,204	13,325	107,837	70,296	37,541
1984	285,177	173,403	158,057	14,346	111,773	72,510	39,263
1985	297,316	179,357	164,471	14,886	117,959	76,478	41,481
1986	314,453	188,799	173,396	15,403	125,654	81,761	43,893
1987	333,123	199,995	183,871	16,324	133,128	85,626	47,502
1988	343,081	205,739	188,969	16,770	137,342	88,236	49,106
1989, prel.	356,853	215,830	198,857	16,973	141,023	90,208	50,814
1990	365,100	220,800	203,300	17,300	144,500	93,100	51,400
1991	371,900	224,400	207,000	17,500	147,300	95,100	52,200

<sup>1</sup> Estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

**No. 212. School Enrollment, Faculty, Graduates, and Finances, 1985 to 1990, and Projections, 1992 to 2000**

[As of fall, except as indicated]

ITEM	Unit	1985	1988	1989	1990	1992	1993	1994	1995	2000
<b>ELEMENTARY AND SECONDARY SCHOOLS</b>										
School-age population: <sup>1</sup> Total	1,000.	44,975	45,388	45,331	45,817	47,112	47,807	47,615	49,320	51,629
5 to 13 years old	1,000.	30,110	31,406	31,835	32,527	33,402	33,934	33,310	34,673	36,044
14 to 17 years old	1,000.	14,865	13,982	13,496	13,290	13,710	13,873	14,305	14,647	15,585
School enrollment: Total	1,000.	44,979	45,430	45,881	46,221	47,601	48,410	49,279	50,054	52,406
Public	1,000.	39,422	40,189	40,526	41,026	42,250	42,971	43,749	44,442	46,539
Private	1,000.	5,557	5,241	5,355	5,195	5,351	5,439	5,530	5,612	5,887
Elementary	1,000.	28,424	28,451	28,782	29,680	30,442	30,800	31,130	31,460	32,691
Public	1,000.	24,229	24,415	24,620	25,614	26,250	26,550	26,830	27,115	28,175
Private	1,000.	4,195	4,036	4,162	4,066	4,192	4,250	4,300	4,345	4,516
Secondary	1,000.	16,555	16,980	17,099	16,541	17,159	17,610	18,149	18,594	19,715
Public	1,000.	15,193	15,774	15,906	15,412	16,000	16,421	16,919	17,327	18,364
Private	1,000.	1,362	1,206	1,193	1,129	1,159	1,189	1,230	1,267	1,351
Classroom teachers: Total	1,000.	2,550	2,668	2,734	2,744	2,791	2,847	2,902	2,958	3,181
Public	1,000.	2,207	2,323	2,356	2,391	2,433	2,482	2,530	2,579	2,774
Private	1,000.	343	345	377	353	358	365	372	379	408
Elementary	1,000.	1,483	1,604	1,664	1,632	1,645	1,674	1,704	1,736	1,866
Public	1,000.	1,237	1,353	1,389	1,379	1,389	1,414	1,439	1,467	1,576
Private	1,000.	246	251	275	253	255	260	264	269	289
Secondary	1,000.	1,067	1,064	1,070	1,112	1,146	1,173	1,198	1,222	1,316
Public	1,000.	970	970	968	1,012	1,043	1,067	1,090	1,112	1,198
Private	1,000.	97	94	102	100	103	105	108	110	118
Projected demand for new teachers	1,000.	(NA)	(NA)	237	216	218	242	239	240	261
High school graduates, total <sup>2</sup>	1,000.	2,643	2,724	2,592	2,465	2,470	2,464	2,563	2,615	2,943
Public	1,000.	2,383	2,456	2,324	2,210	2,215	2,209	2,298	2,345	2,639
Public schools: <sup>2</sup>										
Average daily attendance (ADA)	1,000.	36,523	37,282	37,511	37,974	39,107	39,774	40,494	41,136	43,077
Constant (1988-89) dollars:										
Teachers' average salary	Dol.	28,061	29,567	30,145	30,629	31,821	32,513	33,076	33,654	35,541
Current school expenditures	Bil. dol.	152.8	168.6	174.4	178.3	190.1	195.9	202.4	209.0	237.7
<b>HIGHER EDUCATION</b>										
Enrollment, total	1,000.	12,247	13,055	13,458	13,931	14,235	14,366	14,512	14,621	15,692
Male	1,000.	5,818	6,002	6,155	6,419	6,516	6,531	6,549	6,575	6,922
Female	1,000.	6,429	7,053	7,302	7,512	7,719	7,835	7,963	8,046	8,770
Full-time	1,000.	7,075	7,437	7,627	7,828	7,871	7,895	7,949	7,988	8,770
Part-time	1,000.	5,172	5,619	5,830	6,103	6,364	6,471	6,563	6,633	6,922
Public	1,000.	8,479	10,161	10,515	10,844	11,083	11,187	11,305	11,393	12,220
Private	1,000.	2,768	2,894	2,943	3,087	3,152	3,179	3,207	3,228	3,472
2-year institutions	1,000.	4,531	4,875	5,083	5,193	5,312	5,376	5,446	5,501	5,882
4-year institutions	1,000.	7,716	8,180	8,374	8,738	8,923	8,990	9,066	9,120	9,810
Full-time equivalent	1,000.	8,943	9,467	9,734	10,033	10,171	10,232	10,321	10,385	11,270
Public	1,000.	6,888	7,097	7,337	7,529	7,628	7,675	7,743	7,794	8,456
Private	1,000.	2,276	2,370	2,397	2,504	2,543	2,558	2,578	2,592	2,813
Faculty, total	1,000.	715	804	824	834	868	876	883	891	955
Public	1,000.	503	559	577	586	605	611	617	622	667
Private	1,000.	212	245	247	248	263	265	267	269	290
Degrees conferred, total <sup>2</sup>	1,000.	1,830	1,869	1,916	1,974	2,042	2,054	2,062	2,068	2,203
Associate's	1,000.	446.0	435.2	445.0	470.0	476.0	478.0	480.0	487.0	529.0
Bachelor's	1,000.	987.8	1,017.7	1,043.0	1,064.0	1,101.0	1,100.0	1,100.0	1,098.0	1,164.0
Master's	1,000.	288.6	309.8	319.0	327.0	343.0	350.0	354.0	354.0	376.0
Doctorates	1,000.	33.7	35.8	38.0	38.7	39.8	40.0	40.2	40.4	41.4
First-professional	1,000.	73.9	70.8	71.0	73.8	82.6	85.5	87.8	88.1	92.9

NA Not available. <sup>1</sup> As of July. <sup>2</sup> For school year ending June the following year.

Source: U.S. National Center for Education Statistics, *Projections of Educational Statistics*, biennial.

**No. 213. Federal Funds for Education and Related Programs, by Level of Education or Activity, Agency, and Program: 1980 to 1991**

(In millions of dollars, except percent. For fiscal years ending in June. To the extent possible, amounts represent outlays)

LEVEL, AGENCY, AND PROGRAM	1980	1985	1990	1991 <sup>1</sup>	LEVEL, AGENCY, AND PROGRAM	1980	1985	1990	1991 <sup>1</sup>
<b>Total, all programs</b>	<b>34,317.1</b>	<b>50,439.5</b>	<b>54,638.1</b>	<b>54,638.1</b>	Department of Health and Human Services <sup>2</sup>	2,235.7	298.2	337.2	404.7
Percent of Federal budget outlays	5.8	5.0	4.8	5.1	Health professions training programs	460.7	212.0	230.6	299.6
<b>Elementary/secondary education programs</b>	<b>16,927.1</b>	<b>16,901.3</b>	<b>21,525.1</b>	<b>21,486.2</b>	National Health Service Corps scholarships	70.7	2.3	4.8	27.0
Department of Education	6,629.1	7,296.7	9,681.3	11,192.2	Alcohol, drug abuse, and mental health training programs	5,335.4	—	—	—
Grants for the disadvantaged	3,204.7	4,206.8	4,494.1	5,335.4	Social Security postsecondary students' benefits	122.1	43.6	81.4	83.6
School improvement programs	788.9	526.4	1,189.2	1,555.7	Department of the Interior	1,559.0	250.0	—	—
Indian education	93.4	82.3	69.5	69.1	Shared revenues: Mineral Leasing Act and other receipts—estimated education share	80.2	125.2	135.5	165.6
Education for the handicapped	821.8	1,016.0	1,616.6	2,317.2	Indian programs	35.4	72.0	70.0	80.0
Vocational and adult education	860.7	658.3	1,306.7	986.5	Department of Transportation	44.8	56.5	65.5	85.5
Department of Agriculture	4,064.5	4,134.9	5,529.0	5,186.5	Department of Veterans Affairs <sup>2</sup>	12.5	55.6	46.0	49.0
Child nutrition programs	3,377.1	3,664.6	4,977.1	5,635.2	Vietnam-era veterans	1,803.8	944.1	599.8	687.9
Agricultural Marketing Service—commodities	388.0	336.5	350.4	350.9	Post-Vietnam veterans	1,580.0	690.2	47.0	—
Special milk program	159.3	16.0	18.7	23.0	All-volunteer-force education <sup>2</sup> assistance	0.9	88.6	161.5	160.0
Department of Defense <sup>2</sup>	370.8	831.6	1,097.0	1,175.8	Other agencies and programs <sup>2</sup>	511.9	252.0	422.5	423.2
Overseas dependents schools	338.8	613.4	865.0	916.3	National Endowment for the Humanities	48.6	42.2	49.8	49.8
Section VI schools	162.6	193.6	213.6	222.2	National Science Foundation	64.6	60.1	50.9	54.9
Department of Energy	77.6	23.0	15.6	16.4	United States Information Agency	51.1	120.0	161.9	213.4
Energy conservation for school buildings	77.2	22.7	15.2	15.0	Other education programs <sup>2</sup>	1,548.7	2,107.6	3,181.2	3,670.5
Department of Health and Human Services	1,077.0	1,531.1	1,937.6	2,552.1	Department of Education <sup>2</sup>	1,747.7	1,173.0	2,253.8	2,450.2
Head Start	735.0	1,075.0	1,447.4	2,055.5	Administration	187.3	284.9	328.3	385.5
Social security student benefits	342.0	456.0	489.8	496.6	Libraries	129.1	85.7	137.3	154.8
Department of the Interior	318.2	389.8	445.3	459.4	Rehabilitative services and handicapped research	426.9	798.3	1,780.4	1,921.1
Mineral Leasing Act and other funds	111.6	186.4	226.3	188.0	Department of Agriculture	271.1	336.4	382.5	387.3
Indian Education	206.2	202.9	218.4	240.0	Department of Health and Human Services	37.8	42.2	25.5	31.0
Department of Justice	23.9	36.1	66.0	83.0	Department of Justice	27.6	25.5	25.9	40.3
Inmate programs	18.9	36.1	63.9	79.5	Department of Transportation	25.0	23.8	—	—
Department of Labor	1,849.8	1,945.3	2,505.5	2,544.2	Department of the Treasury	10.2	10.2	3.8	1.6
Job Corps	469.8	604.7	739.4	800.2	Other agencies and programs <sup>2</sup>	14.6	16.2	41.5	46.5
Department of Veterans Affairs	545.8	344.8	155.4	583.5	Agency for International Development	414.7	481.7	533.1	630.9
Vocational rehab for disabled veterans	88.0	107.5	136.8	120.9	Agency for Congress	151.9	149.8	170.4	215.1
Other agencies and programs	1,071.0	1,388.1	1,718.1	90.3	National Endowment for the Arts	0.2	1.1	0.9	1.5
Higher education programs	10,939.5	10,956.5	13,399.1	13,709.1	National Endowment for the Humanities	85.8	76.3	89.7	96.8
Department of Education	5,682.2	8,202.5	11,176.0	11,188.5	Research programs at universities and related institutions	5,801.2	8,844.6	12,132.4	12,829.4
Student financial assistance	3,682.8	3,682.8	5,920.3	5,970.2	Department of Agriculture	216.4	233.3	346.0	364.0
Guaranteed student loans	1,408.0	3,534.8	4,162.7	4,201.2	Department of Defense	644.5	1,245.9	1,688.9	1,693.1
Department of Agriculture	4,105.0	3,317.7	4,372.4	5,323.3	Department of Energy	1,470.2	2,205.3	2,482.8	2,505.7
Tuition assistance for military personnel	545.0	1,041.7	625.3	644.0	Department of Health and Human Services	2,087.1	3,228.0	4,735.9	4,919.6
Service academies	106.1	196.4	120.6	132.1	Administration Aeronautics and Space	254.6	485.8	1,092.2	1,234.8
Senior ROTC	16.1	196.4	106.1	99.5	National Science Foundation	743.8	1,087.0	1,588.4	1,588.4
Professional development education	1.6	354.0	174.6	224.0					
Department of Energy	57.7	195.5	25.5	9.4					
University laboratory cooperative program	2.8	6.5	7.5	7.4					
Energy conservation for buildings—higher education	53.5	12.7	—	—					

<sup>1</sup> Estimated. <sup>2</sup> Includes other programs and agencies, not shown separately.

<sup>3</sup> Purchased under Section 32 of the Act of August 1935 for use in child nutrition programs. <sup>4</sup> Includes state schools on military installations for free education of dependents. <sup>5</sup> Instructional costs only including academics, audiovisual, academic computing center faculty training, military training, physical education, and libraries.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1991.

# School Expenditures and Enrollment

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## No. 214. School Expenditures, by Source of Funds in Constant (1989-90) Dollars: 1970 to 1988

[For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. All nonpublic school data and all data beginning 1980 are estimates. Due to revised methodology, data for 1970 are not comparable to later years or to table 211.]

SOURCE OF FUNDS AND TYPE OF SCHOOL	TOTAL (bil. dol.)									PERCENT		
	1970	1980	1982	1983	1984	1985	1986	1987	1988	1970	1980	1988
<b>Total . . . . .</b>	<b>236.6</b>	<b>270.9</b>	<b>266.9</b>	<b>274.4</b>	<b>285.2</b>	<b>297.3</b>	<b>314.5</b>	<b>333.1</b>	<b>343.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal . . . . .	25.2	30.9	25.0	24.2	24.6	25.6	27.5	28.8	29.2	10.7	11.4	8.5
State . . . . .	74.6	105.2	102.9	105.2	108.5	115.4	123.0	129.4	132.7	31.5	38.8	38.7
Local . . . . .	76.0	70.7	70.0	71.7	75.0	76.0	79.1	83.8	86.8	32.1	26.1	25.3
All other . . . . .	60.8	64.0	68.9	73.2	77.1	80.3	84.9	91.1	94.4	25.7	23.6	27.5
Public . . . . .	190.9	224.7	218.6	223.6	231.6	240.9	255.2	269.3	277.2	80.7	82.9	80.8
Federal . . . . .	19.5	24.3	18.9	18.4	18.4	19.0	20.2	20.7	21.0	8.2	9.0	6.1
State . . . . .	74.3	104.5	102.3	104.5	107.8	114.6	122.2	128.4	131.5	31.4	38.6	38.3
Local . . . . .	75.6	70.5	69.8	71.4	74.7	75.7	78.8	83.6	86.5	32.0	26.0	25.2
All other . . . . .	21.5	25.5	27.7	29.2	30.6	31.6	34.0	36.8	38.1	9.1	9.4	11.1
Private . . . . .	45.7	46.2	48.3	50.8	53.6	56.4	59.3	63.8	65.9	19.3	17.1	19.2
Federal . . . . .	5.7	6.7	6.1	6.0	6.2	6.6	7.2	8.1	8.1	2.4	2.5	2.4
State and local . . . . .	0.7	1.0	0.9	1.0	1.1	1.2	1.3	1.5	1.5	0.3	0.4	0.4
All other . . . . .	39.3	38.5	41.4	44.0	46.5	48.7	50.9	54.3	56.1	16.6	14.2	16.4
<b>Elementary and secondary . . . . .</b>	<b>153.6</b>	<b>168.7</b>	<b>162.6</b>	<b>166.5</b>	<b>173.4</b>	<b>179.4</b>	<b>188.8</b>	<b>200.0</b>	<b>205.7</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal . . . . .	11.4	15.4	11.1	10.9	10.8	10.9	11.6	11.9	7.4	9.1	5.8	
State . . . . .	53.1	73.1	71.2	73.1	75.7	80.1	85.4	91.0	93.3	34.6	43.3	45.4
Local . . . . .	72.9	68.0	67.2	68.8	72.1	72.9	75.9	80.4	83.2	47.5	40.3	40.4
All other . . . . .	16.1	12.2	13.0	13.8	14.8	15.4	15.9	16.9	17.3	10.5	7.2	8.4
Public . . . . .	137.8	157.0	150.0	153.2	158.1	164.5	173.4	183.7	189.0	89.7	93.1	91.9
Federal . . . . .	11.4	15.4	11.1	10.9	10.8	10.9	11.6	11.8	7.4	9.1	5.8	
State . . . . .	53.1	73.1	71.2	73.1	75.7	80.1	85.4	91.0	93.3	34.6	43.3	45.4
Local . . . . .	72.9	68.0	67.2	68.8	72.1	72.9	75.9	80.4	83.2	47.5	40.3	40.4
All other . . . . .	0.3	0.5	0.4	0.5	0.5	0.5	0.5	0.6	0.5	0.2	0.3	0.2
Private . . . . .	15.8	11.8	12.5	13.3	14.3	14.9	15.4	16.3	16.8	10.3	7.0	8.2
<b>Higher education . . . . .</b>	<b>83.0</b>	<b>102.2</b>	<b>104.3</b>	<b>107.9</b>	<b>111.8</b>	<b>118.0</b>	<b>125.7</b>	<b>133.1</b>	<b>137.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal . . . . .	13.8	15.6	13.9	13.3	13.8	14.7	15.9	17.0	17.2	16.6	15.3	12.5
State . . . . .	21.5	32.1	31.7	32.2	32.8	35.3	37.6	38.5	39.6	25.9	31.4	28.8
Local . . . . .	3.0	2.8	2.8	2.8	2.9	3.1	3.2	3.4	3.5	3.6	2.7	2.5
All other . . . . .	44.7	51.7	56.0	59.5	62.3	65.0	69.0	74.2	77.1	53.9	50.6	56.2
Public . . . . .	53.1	67.8	68.5	70.2	72.5	76.5	81.8	85.6	88.2	64.0	66.3	64.2
Federal . . . . .	8.1	8.9	7.8	7.5	7.6	8.1	8.6	8.9	9.1	9.8	8.7	6.6
State . . . . .	21.2	31.4	31.0	31.4	32.1	34.5	36.8	37.4	38.3	25.5	30.7	27.9
Local . . . . .	2.7	2.5	2.6	2.6	2.6	2.8	2.9	3.1	3.2	3.3	2.4	2.3
All other . . . . .	21.2	25.0	27.3	28.8	30.2	31.1	33.5	36.2	37.6	25.5	24.5	27.4
Private . . . . .	29.9	34.4	35.8	37.5	39.3	41.5	43.9	47.5	49.1	36.0	33.7	35.8
Federal . . . . .	5.7	6.7	6.1	6.0	6.2	6.6	7.2	8.1	8.1	6.9	6.6	5.9
State and local . . . . .	0.7	1.0	0.9	0.9	1.0	1.1	1.2	1.3	1.5	0.8	1.0	1.1
All other . . . . .	23.5	26.7	28.9	30.7	32.1	33.8	35.5	38.0	39.3	28.3	26.1	28.6

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## No. 215. Enrollment in Public and Private Schools, by Control and Level, 1970 to 1990, and Projections, 1991 to 2000

[In thousands. As of fall. Data are for regular day schools and exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

CONTROL OF SCHOOL AND LEVEL	1970	1980	1984	1985	1986	1987	1988	1989	1990, est.	1991, proj.	1995, proj.	2000, proj.
<b>Total . . . . .</b>	<b>59,838</b>	<b>58,306</b>	<b>57,151</b>	<b>57,226</b>	<b>57,710</b>	<b>58,253</b>	<b>58,486</b>	<b>59,339</b>	<b>59,931</b>	<b>60,947</b>	<b>64,675</b>	<b>68,098</b>
Public . . . . .	52,322	50,335	48,686	48,901	49,468	49,981	50,350	51,041	51,767	52,557	55,835	58,759
Private . . . . .	7,516	7,971	8,465	8,325	8,242	8,272	8,136	8,298	8,165	8,390	8,840	9,339
Kindergarten through 8	36,610	31,639	31,205	31,229	31,536	32,163	32,535	33,311	33,808	34,913	36,127	37,548
Public . . . . .	32,558	27,647	26,905	27,034	27,420	27,931	28,499	29,149	29,742	30,186	31,782	33,032
Private . . . . .	4,052	3,992	4,300	4,195	4,116	4,232	4,036	4,162	4,066	4,127	4,345	4,516
Grades 9 through 12 . . .	14,647	14,570	13,704	13,750	13,669	13,324	12,896	12,570	12,413	12,529	13,927	14,858
Public . . . . .	13,336	13,231	12,304	12,388	12,333	12,077	11,690	11,377	11,284	11,389	12,660	13,507
Private . . . . .	1,311	1,339	1,400	1,362	1,336	1,247	1,206	1,193	1,129	1,140	1,267	1,351
College . . . . .	8,581	12,097	12,242	12,247	12,504	12,767	13,055	13,458	13,710	14,105	14,621	15,692
Public . . . . .	6,428	9,457	9,477	9,479	9,714	9,973	10,161	10,515	10,741	10,982	11,393	12,220
Private . . . . .	2,153	2,640	2,765	2,768	2,790	2,793	2,894	2,943	2,970	3,123	3,228	3,472

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual; *Digest of Education Statistics*, annual; and unpublished data.

**No. 216. School Enrollment, by Age, Race, and Hispanic Origin: 1970 to 1991**

[As of October. Covers civilian noninstitutional population enrolled in nursery school and above. Based on Current Population Survey, see text, section 1. See *Historical Statistics, Colonial Times to 1970*, series H 442-476 for enrollment 5-34 years old]

AGE, RACE, AND HISPANIC ORIGIN	ENROLLMENT (1,000)						RATE					
	1970	1980	1985	1989	1990	1991	1970	1980	1985	1989	1990	1991
<b>Total 3 to 34 years old</b>	<b>60,357</b>	<b>57,348</b>	<b>58,013</b>	<b>59,235</b>	<b>60,588</b>	<b>61,276</b>	<b>56.4</b>	<b>49.7</b>	<b>48.3</b>	<b>49.1</b>	<b>50.2</b>	<b>50.7</b>
3 and 4 years old	1,461	2,280	2,801	2,898	3,292	3,068	20.5	36.7	38.9	39.1	44.4	40.5
5 and 6 years old	7,000	5,953	6,697	6,990	7,207	7,178	89.5	95.7	96.1	95.2	96.5	95.4
7 to 13 years old	28,943	23,751	22,849	24,431	25,016	25,445	99.2	99.3	99.2	99.3	99.6	99.7
14 and 15 years old	7,869	7,282	7,362	6,493	6,555	6,634	98.1	98.2	98.1	98.8	99.0	98.8
16 and 17 years old	6,927	7,129	6,654	6,254	6,098	6,155	90.0	89.0	91.7	92.7	92.5	93.3
18 and 19 years old	3,322	3,788	3,716	4,125	4,044	3,969	47.7	46.4	51.6	56.0	57.3	59.6
20 and 21 years old	1,949	2,515	2,708	2,630	2,852	3,041	31.9	31.0	35.3	38.5	39.7	42.0
22 to 24 years old	1,410	1,931	2,068	2,207	2,231	2,365	14.9	16.3	16.9	19.9	21.0	22.2
25 to 29 years old	1,011	1,714	1,942	1,960	2,013	2,045	7.5	9.3	9.2	9.3	9.7	10.2
30 to 34 years old	466	1,105	1,218	1,248	1,281	1,377	4.2	6.4	6.1	5.7	5.8	6.2
35 years old and over	(NA)	1,290	1,766	2,230	2,439	2,620	(NA)	1.4	1.7	2.0	2.1	2.2
<b>White: Total 3 to 34 years old</b>	<b>51,719</b>	<b>47,673</b>	<b>47,452</b>	<b>47,923</b>	<b>48,899</b>	<b>49,156</b>	<b>56.2</b>	<b>48.9</b>	<b>47.8</b>	<b>48.4</b>	<b>49.5</b>	<b>50.0</b>
3 and 4 years old	1,181	1,844	2,250	2,370	2,700	2,502	19.9	36.3	38.6	39.4	44.9	41.3
5 and 6 years old	5,899	4,781	5,437	5,598	5,750	5,727	90.3	95.8	96.4	95.2	96.5	95.3
7 to 13 years old	24,564	19,585	18,464	19,638	20,076	20,325	99.2	99.2	99.3	99.3	99.6	99.6
14 and 15 years old	6,761	6,036	6,007	5,197	5,265	5,311	98.2	98.3	98.1	98.8	99.1	98.7
16 and 17 years old	6,008	5,937	5,449	4,993	4,858	4,902	90.6	88.6	91.6	92.3	92.5	93.3
18 and 19 years old	2,924	3,195	3,105	3,392	3,271	3,197	48.7	46.3	52.4	56.4	57.1	59.7
20 and 21 years old	1,750	2,206	2,318	2,208	2,402	2,517	33.1	31.9	36.1	39.5	41.0	43.2
22 to 24 years old	1,305	1,669	1,744	1,841	1,781	1,910	15.7	16.4	17.0	20.0	20.2	21.7
25 to 29 years old	910	1,473	1,635	1,659	1,706	1,646	7.7	9.2	9.2	9.4	9.9	9.9
30 to 34 years old	416	942	1,043	1,028	1,090	1,119	4.2	6.3	6.2	5.6	5.9	6.0
35 years old and over	(NA)	1,104	1,533	1,956	2,096	2,219	(NA)	1.3	1.7	2.0	2.1	2.2
<b>Black: Total 3 to 34 years old</b>	<b>7,829</b>	<b>8,251</b>	<b>8,444</b>	<b>8,707</b>	<b>8,854</b>	<b>9,031</b>	<b>57.4</b>	<b>53.9</b>	<b>50.9</b>	<b>51.3</b>	<b>51.9</b>	<b>52.5</b>
3 and 4 years old	250	371	469	407	452	428	22.7	38.2	42.7	38.9	41.6	37.2
5 and 6 years old	999	904	1,030	1,084	1,129	1,108	84.9	95.4	95.7	94.9	96.3	95.8
7 to 13 years old	3,998	3,598	3,549	3,761	3,832	3,941	99.3	99.4	99.1	99.2	99.8	99.8
14 and 15 years old	1,025	1,088	1,106	1,023	1,023	1,032	97.6	97.6	97.9	97.9	99.4	99.1
16 and 17 years old	837	1,047	994	1,033	962	959	85.7	90.6	91.7	93.7	91.7	91.7
18 and 19 years old	352	494	472	541	596	578	40.1	45.7	44.1	50.2	55.2	55.6
20 and 21 years old	174	242	298	309	305	329	22.8	23.4	27.7	30.7	28.4	30.0
22 to 24 years old	84	196	215	253	274	249	8.0	13.6	13.7	17.2	20.0	18.2
25 to 29 years old	68	187	192	168	162	229	4.8	8.8	7.4	6.4	6.1	8.7
30 to 34 years old	41	124	119	130	119	177	3.4	6.8	5.1	4.9	4.4	6.5
35 years old and over	(NA)	186	233	167	238	289	(NA)	1.8	1.9	1.5	2.1	2.5
<b>Hispanic: <sup>2</sup> Total 3 to 34 years old</b>	<b>(NA)</b>	<b>4,263</b>	<b>5,070</b>	<b>5,722</b>	<b>6,073</b>	<b>6,306</b>	<b>(NA)</b>	<b>49.8</b>	<b>47.7</b>	<b>45.8</b>	<b>47.4</b>	<b>47.9</b>
3 and 4 years old	(NA)	172	213	202	249	299	(NA)	28.5	27.0	23.8	29.8	30.6
5 and 6 years old	(NA)	491	662	785	835	850	(NA)	94.5	94.5	92.8	94.8	92.4
7 to 13 years old	(NA)	2,009	2,322	2,637	2,794	2,909	(NA)	99.2	99.0	98.7	99.4	99.7
14 and 15 years old	(NA)	568	606	706	739	732	(NA)	94.3	96.1	96.5	99.0	97.2
16 and 17 years old	(NA)	454	562	554	592	532	(NA)	81.8	84.5	86.4	85.4	82.6
18 and 19 years old	(NA)	226	238	327	329	394	(NA)	37.8	41.8	44.6	44.1	47.9
20 and 21 years old	(NA)	111	137	152	213	215	(NA)	19.5	24.0	18.8	27.2	26.4
22 to 24 years old	(NA)	93	125	153	121	144	(NA)	11.7	11.6	12.0	8.9	11.6
25 to 29 years old	(NA)	84	120	129	130	140	(NA)	6.9	6.6	6.6	6.3	6.9
30 to 34 years old	(NA)	54	83	76	72	93	(NA)	5.1	5.7	3.8	3.6	4.5
35 years old and over	(NA)	(NA)	(NA)	136	145	148	(NA)	(NA)	(NA)	2.1	2.1	2.0
<b>Mexican: <sup>2</sup> Total 3 to 34 years old</b>	<b>(NA)</b>	<b>2,698</b>	<b>3,180</b>	<b>3,743</b>	<b>4,017</b>	<b>4,171</b>	<b>(NA)</b>	<b>49.0</b>	<b>47.5</b>	<b>44.7</b>	<b>46.8</b>	<b>47.7</b>
3 and 4 years old	(NA)	104	137	148	165	215	(NA)	27.0	26.0	22.7	27.4	32.3
5 and 6 years old	(NA)	327	456	553	619	581	(NA)	93.2	95.3	91.8	94.7	92.1
7 to 13 years old	(NA)	1,378	1,526	1,768	1,815	1,957	(NA)	99.5	99.2	98.9	99.7	99.7
14 and 15 years old	(NA)	361	367	481	499	475	(NA)	92.1	97.7	95.7	99.5	97.6
16 and 17 years old	(NA)	257	358	356	403	351	(NA)	76.1	83.8	85.3	83.8	81.0
18 and 19 years old	(NA)	113	127	176	213	282	(NA)	32.0	35.2	36.9	40.9	47.0
20 and 21 years old	(NA)	55	61	79	121	132	(NA)	15.6	16.4	14.6	23.6	24.8
22 to 24 years old	(NA)	40	55	77	70	70	(NA)	7.5	7.8	8.9	8.3	8.2
25 to 29 years old	(NA)	41	56	64	64	61	(NA)	5.4	5.0	5.0	4.9	4.8
30 to 34 years old	(NA)	22	36	41	47	48	(NA)	3.3	4.5	3.3	3.6	3.7
35 years old and over	(NA)	(NA)	(NA)	73	81	89	(NA)	(NA)	(NA)	2.0	2.1	2.2

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460, and earlier reports; and unpublished data.

## No. 217. Enrollment in Public and Private Schools: 1960 to 1991

[In millions, except percent. As of October. For civilian noninstitutional population. For 1960, 5 to 34 years old; for 1970 to 1985, 3 to 34 years old; beginning 1986, for 3 years old and over]

YEAR	PUBLIC						PRIVATE					
	Total	Nursery	Kindergarten	Elementary	High School	College	Total	Nursery	Kindergarten	Elementary	High School	College
1960 . . . . .	39.0	(NA)	(1)	27.5	9.2	2.3	7.2	(NA)	(1)	4.9	1.0	1.3
1970 . . . . .	52.2	0.3	2.6	30.0	13.5	5.7	8.1	0.8	0.5	3.9	1.2	1.7
1980 . . . . .	(NA)	0.6	2.7	24.4	(NA)	(NA)	(NA)	1.4	0.5	3.1	(NA)	(NA)
1985 <sup>2</sup> . . . . .	49.0	0.9	3.2	23.8	12.8	8.4	9.0	1.6	0.6	3.1	1.2	2.5
1989 <sup>2</sup> . . . . .	52.5	0.9	3.3	25.9	12.1	10.3	8.9	1.9	0.6	2.7	0.8	2.9
1990 <sup>2</sup> . . . . .	53.8	1.2	3.3	26.6	11.9	10.7	9.2	2.2	0.6	2.7	0.9	2.9
1991 <sup>2</sup> . . . . .	54.5	1.1	3.5	26.6	12.2	11.1	9.4	1.8	0.6	3.0	1.0	3.0
Percent White:												
1960 . . . . .	85.7	(NA)	(1)	84.3	88.2	92.2	95.7	(NA)	(1)	95.3	96.7	96.3
1970 . . . . .	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1980 . . . . .	(NA)	68.2	80.7	80.9	(NA)	(NA)	(NA)	89.0	87.0	90.7	(NA)	(NA)
1990 . . . . .	79.8	71.7	78.3	78.9	79.2	84.1	87.4	89.6	83.2	88.2	89.4	85.0
1991 . . . . .	79.3	74.0	78.3	78.6	78.4	82.8	86.7	89.0	81.8	87.9	88.8	84.3

NA Not available. <sup>1</sup> Included in elementary school. <sup>2</sup> See table 260 for college enrollment 35 years old and over. See also footnote 2, table 218.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460, and earlier reports; and unpublished data.

## No. 218. School Enrollment, by Sex and Level: 1960 to 1991

[In millions. As of Oct. For the civilian noninstitutional population. For 1960, persons 5 to 34 years old; 1970, 3 to 34 years old; thereafter, 3 years old and over. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment]

YEAR	ALL LEVELS <sup>1</sup>			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960 . . . . .	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1970 . . . . .	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1980 . . . . .	58.6	29.8	29.1	30.6	15.8	14.9	14.6	7.3	7.3	11.4	5.4	6.0
1985 . . . . .	59.8	30.0	29.7	30.7	15.7	15.0	14.1	7.2	6.9	12.5	5.9	6.6
1986 <sup>2</sup> . . . . .	60.1	30.4	29.7	31.1	16.1	15.0	14.0	7.1	6.9	12.4	5.8	6.6
1986 <sup>2</sup> . . . . .	60.5	30.6	30.0	31.1	16.1	15.0	14.2	7.2	7.0	12.7	6.0	6.7
1987 . . . . .	60.6	30.7	29.9	31.6	16.3	15.3	13.8	7.0	6.8	12.7	6.0	6.7
1988 . . . . .	61.1	30.7	30.5	32.2	16.6	15.6	13.2	6.7	6.4	13.1	5.9	7.2
1989 . . . . .	61.5	30.8	30.7	32.5	16.7	15.8	12.9	6.6	6.3	13.2	6.0	7.2
1990 . . . . .	63.0	31.5	31.5	33.2	17.1	16.0	12.8	6.5	6.4	13.6	6.2	7.4
1991 . . . . .	63.9	32.1	31.8	33.8	17.3	16.4	13.1	6.8	6.4	14.1	6.4	7.6

<sup>1</sup> Beginning 1970, includes nursery schools, not shown separately. <sup>2</sup> Revised. Data beginning 1986, based on a revised edit and tabulation package.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460, and earlier reports; and unpublished data.

## No. 219. Years of School Completed, by Age and Race: 1950 to 1991

[In percent, except median. Through 1980, as of April 1; 1990 and 1991 as of March. Excludes Armed Forces, except members living off post or with families on post. Beginning 1980, excludes inmates of institutions. 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 20-percent sample; and 1980 on 17-percent sample; 1990 and 1991 based on Current Population Survey; see text, section 1. For definition of median, see Guide to Tabular Presentation]

ITEM	PERSONS 25 YEARS OLD AND OVER						PERSONS 25 TO 29 YEARS OLD					
	1950	1960	1970	1980	1990	1991	1950	1960	1970	1980	1990	1991
All persons: Not high school graduates . . . . .	65.7	58.9	47.7	33.5	22.4	21.6	47.2	39.3	26.2	15.5	14.3	14.6
With less than 5 years of school . . . . .	11.1	8.3	5.5	3.6	2.4	2.4	4.7	2.8	1.7	1.1	1.2	1.0
High school graduates of more . . . . .	34.3	41.1	52.3	66.5	77.6	78.4	52.8	60.7	73.8	84.5	85.7	85.4
College or more . . . . .	6.2	7.7	10.7	16.2	21.3	21.4	7.7	11.1	16.3	22.1	23.2	23.2
Median school years completed . . . . .	9.3	10.6	12.1	12.5	12.7	12.7	12.0	12.3	12.6	12.9	12.9	12.9
Black persons: Not high school graduates . . . . .	87.1	79.9	68.6	48.8	33.8	33.3	77.8	62.3	44.6	24.8	18.4	18.3
With less than 5 years of school . . . . .	32.9	23.8	14.6	8.2	5.1	4.7	16.8	7.0	3.2	1.1	1.0	0.6
High school graduates of more . . . . .	12.9	20.1	31.4	51.2	66.2	66.7	22.2	37.7	55.4	75.2	81.7	81.7
College or more . . . . .	2.1	3.1	4.4	8.4	11.3	11.5	2.7	4.8	6.0	11.4	13.4	11.0
Median school years completed . . . . .	6.8	8.0	9.8	12.0	12.4	12.4	8.6	9.9	12.1	12.6	12.7	12.7

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1950, 1960, 1970, and 1980*, vol. I; and *Current Population Reports*, series P-20, No. 462.

**No. 220. Years of School Completed, by Race, Hispanic Origin, and Sex: 1970 and 1991**

[Persons 25 years old and over. Persons of Hispanic origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 219. See also *Historical Statistics, Colonial Times to 1970*, series H 602-617]

YEAR, RACE, HISPANIC ORIGIN, AND SEX	Popula- tion (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years com- pleted	
		Elementary school			High school		College			
		1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
1970, total persons <sup>1</sup> . . . . .	109,699	5.5	10.0	12.8	19.4	31.1	10.6	10.7	12.1	
White . . . . .	98,246	4.5	9.1	13.0	16.8	32.2	11.1	11.3	12.1	
Male . . . . .	46,527	4.8	9.7	13.3	18.2	28.5	11.1	14.4	12.1	
Female . . . . .	51,718	4.1	8.6	12.8	19.4	35.5	11.1	8.4	12.1	
Black . . . . .	10,375	14.6	18.7	10.5	24.8	21.2	5.9	4.4	9.8	
Male . . . . .	4,714	17.7	19.1	10.2	22.9	20.0	6.0	4.2	9.4	
Female . . . . .	5,661	12.0	18.3	10.8	26.4	22.2	5.8	4.6	10.0	
Hispanic . . . . .	3,946	19.5	18.6	11.5	18.2	21.1	6.5	4.5	9.1	
Male . . . . .	1,897	19.1	18.0	11.3	18.1	19.9	7.6	5.9	9.3	
Female . . . . .	2,050	19.9	19.2	11.6	18.3	22.3	5.4	3.2	8.9	
1991, total persons <sup>1</sup> . . . . .	158,694	2.4	3.8	4.4	11.0	38.6	18.4	21.4	12.7	
White . . . . .	136,299	2.0	3.4	4.5	10.2	39.1	18.6	22.2	12.8	
Male . . . . .	65,394	2.2	3.6	4.5	9.9	36.1	18.4	25.4	12.8	
Female . . . . .	70,905	1.8	3.3	4.5	10.5	41.8	18.8	19.3	12.7	
Black . . . . .	17,096	4.7	6.4	4.1	18.0	37.7	17.5	11.5	12.4	
Male . . . . .	7,626	6.5	6.3	4.3	16.3	38.3	17.0	11.4	12.4	
Female . . . . .	9,470	3.3	6.6	3.9	19.4	37.2	17.9	11.6	12.4	
Hispanic . . . . .	11,208	12.5	14.8	6.3	15.1	29.3	12.3	9.7	12.0	
Male . . . . .	5,509	12.9	14.8	6.1	14.7	28.5	13.0	10.0	12.1	
Female . . . . .	5,699	12.1	14.7	6.5	15.5	30.1	11.7	9.4	12.0	

<sup>1</sup> Includes other races, not shown separately.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970*, vols. I and II; and *Current Population Reports*, series P-20, No. 462.

**No. 221. Years of School Completed, by Selected Characteristic: 1991**

[For persons 25 years old and over. As of March. In percent, except number of persons. For composition of regions, see table 25]

CHARACTERISTIC	Population (1,000)	PERCENT OF POPULATION WITH—		
		4 years of high school or more	1 or more years of col- lege	4 or more years of col- lege
Total persons. . . . .	158,694	78.4	39.8	21.4
Age:				
25 to 34 years old. . . . .	42,905	86.1	45.3	23.7
35 to 44 years old. . . . .	38,665	87.7	50.2	27.5
45 to 54 years old. . . . .	25,686	81.2	41.1	23.2
55 to 64 years old. . . . .	21,346	71.9	31.4	16.9
65 to 74 years old. . . . .	18,237	63.5	25.3	13.2
75 years old or over . . . . .	11,855	49.0	20.8	10.5
Sex: Male. . . . .	75,487	78.5	42.5	24.3
Female. . . . .	83,207	78.3	37.4	18.8
Race: White . . . . .	136,299	79.9	40.8	22.2
Black . . . . .	17,096	66.7	29.0	11.5
Other . . . . .	5,299	78.7	49.0	33.5
Hispanic origin: Hispanic . . . . .	11,208	51.3	22.0	8.7
Non-Hispanic . . . . .	147,486	80.5	41.2	22.3
Region: Northeast . . . . .	33,293	80.3	39.7	23.7
Midwest . . . . .	38,230	80.7	38.0	20.0
South . . . . .	54,217	74.2	36.9	19.4
West . . . . .	32,954	80.9	46.9	24.3
Marital Status:				
Never married . . . . .	22,091	81.6	47.4	27.7
Married spouse present . . . . .	101,706	81.4	41.7	23.0
Married spouse absent . . . . .	5,820	66.8	28.8	12.3
Separated . . . . .	4,349	68.2	27.8	10.9
Widowed . . . . .	13,665	53.6	19.6	8.3
Divorced . . . . .	15,413	80.5	38.7	17.1
Civilian labor force status:				
Employed . . . . .	97,874	87.3	48.4	27.3
Unemployed . . . . .	6,203	73.1	30.0	12.6
Not in the labor force . . . . .	53,844	62.6	25.1	11.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 462.

# Years of School Completed—Degrees Earned

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## No. 222. Percent of Population With Less Than 12 Years of School and With 4 Years of College or More, by Race and Hispanic Origin: 1970 to 1991

[Persons 25 years old and over. As of April 1970 and 1980, and March beginning 1985]

RACE AND HISPANIC ORIGIN	LESS THAN 12 YEARS OF SCHOOL						4 YEARS OF COLLEGE OR MORE					
	1970	1980	1985	1989	1990	1991	1970	1980	1985	1989	1990	1991
All races <sup>1</sup> . . . . .	47.7	33.5	26.1	23.1	22.4	21.6	10.7	16.2	19.4	21.1	21.3	21.4
White . . . . .	45.5	31.2	24.5	21.6	20.9	20.1	11.3	17.1	20.0	21.8	22.0	22.2
Black . . . . .	68.6	48.8	40.2	35.4	33.8	33.3	4.4	8.4	11.1	11.8	11.3	11.5
Hispanic origin <sup>2</sup> . . . . .	67.9	56.0	52.1	49.1	49.2	48.7	4.5	7.6	8.5	9.9	9.2	9.7
Mexican . . . . .	75.8	62.4	58.7	57.3	55.9	56.4	2.5	4.9	5.5	6.1	5.5	6.2
Puerto Rican . . . . .	76.6	59.9	53.7	46.0	44.5	42.1	2.2	5.6	7.0	9.8	9.6	10.1
Cuban <sup>3</sup> . . . . .	56.1	44.7	48.9	37.0	36.5	39.0	11.1	16.2	16.7	19.8	20.2	18.5
Other . . . . .	55.1	42.6	35.8	34.9	37.9	35.6	7.0	12.4	16.4	15.7	15.5	15.6

<sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. <sup>3</sup> Includes Central and South American and other Hispanic origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II; *1980 Census of Population*, vol. I, chapter C, *Current Population Reports*, series P-20, No. 455, and earlier reports; and unpublished data.

## No. 223. Highest Degree Earned, by Selected Characteristic: 1987

[For persons 18 years old and over. Based on the Survey of Income and Program Participation; see source for details]

CHARACTERISTIC	Total persons	LEVEL OF DEGREE								
		Not a high school graduate	High school graduate only	Some college, no degree	Vocational	Associate	Bachelor's	Master's	Professional	Doctorate
NUMBER (1,000)										
All persons <sup>1</sup> . . . . .	176,405	39,679	64,636	31,045	3,743	7,393	21,018	6,192	1,723	977
Age: 18 to 24 years old . . . . .	26,148	4,203	10,596	8,043	389	928	1,912	77	-	-
25 to 34 years old . . . . .	42,858	5,032	16,202	8,248	987	2,574	7,623	1,575	499	117
35 to 44 years old . . . . .	34,352	4,921	12,101	5,931	862	2,208	5,359	2,114	509	347
45 to 54 years old . . . . .	23,052	5,394	9,048	3,208	478	763	2,508	1,211	232	210
55 to 64 years old . . . . .	21,726	6,668	8,364	2,690	457	473	1,928	656	285	205
65 years old and over . . . . .	28,268	13,462	8,324	2,924	571	446	1,687	558	198	98
Sex: Male . . . . .	84,106	19,341	28,494	15,160	1,273	3,376	10,909	3,416	1,344	792
Female . . . . .	92,299	20,338	36,141	15,884	2,471	4,017	10,109	2,776	379	184
Race: White . . . . .	151,882	31,875	56,240	26,981	3,415	6,558	18,850	5,486	1,605	891
Male . . . . .	72,862	15,552	24,687	13,404	1,211	3,028	9,982	2,978	1,307	713
Female . . . . .	79,020	16,323	31,553	13,577	2,205	3,510	8,868	2,508	298	178
Black . . . . .	19,290	6,406	6,911	3,069	245	706	1,445	440	37	33
Male . . . . .	8,696	3,127	3,176	1,262	41	261	583	221	8	26
Female . . . . .	10,594	3,279	3,735	1,817	203	445	861	219	29	7
MEAN MONTHLY INCOME <sup>2</sup> (dol.)										
All persons <sup>1</sup> . . . . .	1,325	761	1,135	1,283	1,417	1,630	2,109	2,776	4,323	4,118
Age: 18 to 24 years old . . . . .	649	422	683	573	1,249	859	1,033	(B)	(B)	(B)
25 to 34 years old . . . . .	1,360	741	1,126	1,391	1,166	1,581	1,836	2,294	3,449	(B)
35 to 44 years old . . . . .	1,695	876	1,298	1,624	1,534	1,947	2,319	2,834	5,725	4,703
45 to 54 years old . . . . .	1,778	962	1,494	1,999	1,744	2,033	2,838	3,786	4,781	3,178
55 to 64 years old . . . . .	1,433	847	1,262	1,439	1,616	1,547	2,753	2,678	4,639	5,901
65 years old and over . . . . .	993	708	971	1,310	1,354	1,337	2,079	2,064	(B)	(B)
Sex: Male . . . . .	1,810	1,046	1,578	1,693	1,917	2,133	2,777	3,327	4,840	4,493
Female . . . . .	883	489	785	892	1,159	1,206	1,388	2,098	2,494	(B)
Race: White . . . . .	1,382	799	1,174	1,318	1,474	1,654	2,159	2,825	4,370	4,224
Black . . . . .	915	559	877	1,072	835	1,361	1,596	2,181	(B)	(B)

— Less than .05 percent. B Base figure too small to meet statistical standards for reliability of a derived figure. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> For definition of mean, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 21.

## Education

**No. 224. Preprimary School Enrollment—Summary: 1970 to 1991**

[As of October. Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Excludes 5 year olds enrolled in elementary school. Based on Current Population Survey; see text, section 1]

ITEM	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
NUMBER OF CHILDREN (1,000)										
Population, 3 to 5 years old	10,949	10,183	9,284	10,733	10,866	10,872	10,994	11,038	11,207	11,370
Total enrolled <sup>1</sup>	4,104	4,954	4,878	5,865	5,971	5,932	5,977	6,026	6,659	6,334
Nursery	1,094	1,745	1,981	2,477	2,545	2,555	2,621	2,825	3,378	2,824
Public	332	570	628	846	829	819	852	930	1,202	996
Private	762	1,174	1,353	1,631	1,715	1,736	1,770	1,894	2,177	1,827
Kindergarten	3,010	3,211	2,897	3,388	3,426	3,377	3,356	3,201	3,281	3,510
Public	2,498	2,682	2,438	2,847	2,859	2,842	2,875	2,704	2,767	2,968
Private	511	528	459	541	567	535	481	496	513	543
White	3,443	4,105	3,994	4,757	4,851	4,748	4,891	4,911	5,389	5,104
Black	586	731	725	919	892	893	814	872	964	928
Hispanic <sup>2</sup>	(NA)	(NA)	370	496	593	587	544	520	642	675
3 years old	454	683	857	1,035	1,041	1,022	1,028	1,005	1,205	1,075
4 years old	1,007	1,418	1,423	1,765	1,772	1,717	1,768	1,882	2,086	1,993
5 years old	2,643	2,852	2,598	3,065	3,157	3,192	3,183	3,199	3,367	3,266
ENROLLMENT RATE										
Total enrolled <sup>1</sup>	37.5	48.6	52.5	54.6	55.0	54.6	54.4	54.8	59.4	59.4
White	37.8	48.6	52.7	54.7	55.2	54.1	55.4	55.0	59.7	56.2
Black	34.9	48.1	51.8	55.8	54.1	54.2	48.2	54.2	57.8	53.1
Hispanic <sup>2</sup>	(NA)	(NA)	43.3	43.3	47.8	45.5	44.2	41.6	49.0	46.4
3 years old	12.9	21.5	27.3	28.8	28.9	28.6	27.6	27.1	32.6	28.2
4 years old	27.8	40.5	46.3	49.1	49.0	47.7	49.1	51.0	56.0	53.0
5 years old	69.3	81.3	84.7	86.5	86.7	86.1	86.6	86.4	88.8	86.0

NA Not available. <sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. The method of identifying Hispanic children was changed in 1980 from allocation based on status of mother to status reported for each child. The number of Hispanic children using the new method is larger.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460; and unpublished data.

**No. 225. Preprimary School Enrollment, by Level of Enrollment and Labor Force Status of Mother: 1978 and 1991**

[See headnote table 224]

RACE AND LABOR FORCE STATUS	ALL CHILDREN (1,000)	PERCENT ENROLLED IN—								PERCENT NOT ENROLLED			
		Nursery school				Kindergarten							
		Total		Full day		Total		Full day, 1991					
		1978	1991	1978	1991	1978	1991	1978	1991	1978	1991		
<b>TOTAL<sup>1</sup></b>													
Children 3 to 5 years old	9,110	11,370	20.0	24.8	6.9	8.2	30.3	30.9	13.0	49.7	44.3		
Living with mother	8,883	10,602	19.8	25.3	6.8	8.3	30.4	30.8	12.8	49.8	43.9		
Mother in labor force	4,097	6,146	22.1	28.5	11.4	11.8	31.0	31.6	14.1	47.0	39.9		
Employed	3,737	5,568	22.5	29.2	11.7	12.2	31.0	31.8	14.1	46.5	39.0		
Full time	2,446	3,860	22.3	27.3	15.2	14.2	31.2	31.7	14.8	46.5	41.0		
Part time	1,291	1,709	23.0	33.5	5.2	7.7	30.5	31.9	12.3	46.4	34.6		
Unemployed	360	578	17.4	21.6	7.8	8.0	30.6	30.1	14.2	52.0	48.3		
Mother not in labor force	4,786	4,456	17.9	20.9	2.9	3.5	29.9	29.8	11.1	52.2	49.3		
<b>WHITE</b>													
Children 3 to 5 years old	7,460	9,093	19.5	26.0	5.2	7.4	30.1	30.0	11.3	50.5	44.0		
Living with mother	7,301	8,574	19.4	26.5	5.1	7.5	30.1	30.2	11.3	50.5	43.3		
Mother in labor force	3,235	4,939	21.1	27.9	9.2	10.7	30.4	30.8	12.4	48.5	41.3		
Employed	3,014	4,578	21.3	29.9	9.4	11.0	30.7	30.8	12.4	48.0	39.3		
Full time	1,877	3,037	20.1	27.9	12.6	13.1	31.0	30.7	13.1	48.9	41.4		
Part time	1,137	1,541	23.3	33.8	4.1	6.7	30.2	31.0	11.1	46.5	35.2		
Unemployed	220	360	17.9	21.9	6.4	6.7	27.1	30.8	12.2	55.0	47.3		
Mother not in labor force	4,067	3,635	18.0	22.6	1.9	3.3	29.8	29.4	9.8	52.2	48.0		
<b>BLACK</b>													
Children 3 to 5 years old	1,410	1,747	22.1	19.3	15.3	12.0	31.0	33.8	21.2	46.9	46.9		
Living with mother	1,347	1,529	21.7	19.7	15.5	12.4	31.3	33.8	20.9	47.1	46.5		
Mother in labor force	731	933	25.9	24.4	20.6	17.0	32.5	35.7	22.6	41.6	39.9		
Employed	598	750	28.0	24.7	22.8	18.4	31.7	37.3	23.6	40.3	38.0		
Full time	469	641	29.6	24.0	24.8	19.0	32.0	35.7	22.9	38.4	40.3		
Part time	128	111	22.3	27.9	15.8	14.4	30.7	45.9	27.0	47.0	26.2		
Unemployed	133	182	16.7	24.2	10.6	11.5	35.7	29.1	18.7	47.6	46.7		
Mother not in labor force	616	596	16.6	12.2	9.4	5.2	29.8	31.0	18.3	53.5	56.8		
<b>HISPANIC<sup>2</sup></b>													
Children 3 to 5 years old	720	1,456	11.8	14.2	5.0	5.7	29.1	32.1	12.4	59.1	53.7		
Living with mother	713	1,348	11.7	22.8	5.0	8.8	28.9	52.2	20.2	59.4	25.0		
Mother in labor force	296	573	16.3	17.8	7.1	10.1	27.5	33.2	13.6	56.2	49.0		
Employed	263	494	17.1	19.4	6.7	10.5	26.0	32.6	13.4	56.9	48.0		
Full time	196	395	16.9	18.0	7.5	10.1	25.9	32.4	12.2	57.2	49.6		
Part time	67	99	(B)	25.3	(B)	12.1	(B)	32.3	18.2	(B)	42.4		
Unemployed	33	79	(B)	7.6	(B)	7.6	(B)	38.0	15.2	(B)	54.4		
Mother not in labor force	417	776	8.4	11.1	3.5	1.9	29.9	31.1	11.5	61.7	57.8		

B Base figure too small to meet statistical standards for reliability of derived figure. <sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460; and unpublished data.

**No. 226. Public Elementary and Secondary Schools—Summary: 1980 to 1991**  
 [For school year ending in year shown, except as indicated. Data are estimates]

ITEM	Unit	1980	1985	1986	1987	1988	1989	1990	1991
School districts, total . . . . .	Number	16,044	15,812	15,739	15,684	15,571	15,530	15,449	15,344
<b>ENROLLMENT</b>									
Population 5-17 years old <sup>1</sup>	1,000 . . .	48,041	44,942	44,975	45,148	45,291	45,388	45,330	45,166
Percent of resident population	Percent	21.4	19.0	18.8	18.7	18.6	18.5	18.3	18.2
Fall enrollment <sup>2</sup>	1,000 . . .	41,778	39,354	39,595	39,763	40,020	40,218	40,525	41,196
Percent of population 5-17 years old	Percent	87.0	87.6	87.9	88.3	88.6	88.8	89.4	91.2
Elementary <sup>3</sup>	1,000 . . .	24,397	23,830	24,241	24,503	25,222	25,799	26,396	27,037
Secondary <sup>4</sup>	1,000 . . .	17,381	15,524	15,354	15,260	14,798	14,459	14,128	14,159
<b>Average daily:</b>									
Attendance (ADA) . . . . .	1,000 . . .	38,411	36,530	36,681	36,905	37,066	37,174	37,534	38,215
Membership (ADM) . . . . .	1,000 . . .	40,812	38,751	38,724	38,988	(NA)	(NA)	(NA)	(NA)
High school graduates . . . . .	1,000 . . .	2,762	2,424	2,388	2,429	2,497	2,467	2,331	2,273
<b>INSTRUCTIONAL STAFF</b>									
Total <sup>5</sup>	1,000 . . .	2,521	2,473	2,519	2,563	2,604	2,651	2,688	2,728
Classroom teachers . . . . .	1,000 . . .	2,211	2,175	2,215	2,249	2,284	2,324	2,365	2,400
<b>Average salaries:</b>									
Instructional staff . . . . .	Dollar	16,715	24,666	26,362	27,706	29,235	30,904	32,700	34,413
Classroom teachers . . . . .	Dollar	15,970	23,600	25,199	26,569	28,023	29,566	31,361	33,021
<b>REVENUES</b>									
Revenue receipts . . . . .	Mil. dol.	97,635	141,013	153,807	163,767	175,959	193,144	206,754	222,661
Federal . . . . .	Mil. dol.	9,020	9,533	10,351	10,553	11,325	12,375	13,277	13,737
State . . . . .	Mil. dol.	47,929	69,107	75,935	81,542	86,921	94,329	100,546	108,884
Local . . . . .	Mil. dol.	40,686	62,373	67,521	71,672	77,713	86,440	92,930	100,039
<b>Percent of total:</b>									
Federal . . . . .	Percent	9.2	6.8	6.7	6.4	6.4	6.4	6.4	6.2
State . . . . .	Percent	49.1	49.0	49.4	49.8	49.4	48.8	48.6	48.9
Local . . . . .	Percent	41.7	44.2	43.9	43.8	44.2	44.8	44.9	44.9
<b>EXPENDITURES</b>									
Total . . . . .	Mil. dol.	96,105	139,382	152,187	163,091	175,606	191,379	208,528	225,693
Current expenditures (day schools) . . . . .	Mil. dol.	85,661	127,230	138,067	147,476	158,612	171,728	186,383	200,786
Other current expenditures <sup>6</sup>	Mil. dol.	1,859	2,109	2,385	2,597	2,478	2,911	3,288	3,332
Capital outlay . . . . .	Mil. dol.	6,504	7,529	9,066	10,161	11,528	13,299	14,959	17,297
Interest on school debt . . . . .	Mil. dol.	2,081	2,514	2,670	2,857	2,989	3,440	3,898	4,278
<b>Percent of total:</b>									
Current expenditures (day schools) . . . . .	Percent	89.1	91.3	90.8	90.5	90.6	90.3	89.8	89.0
Other current expenditures <sup>6</sup>	Percent	1.9	1.5	1.6	1.6	1.6	1.5	1.5	1.5
Capital outlay . . . . .	Percent	6.8	5.4	5.9	6.2	6.1	6.5	7.0	7.7
Interest on school debt . . . . .	Percent	2.2	1.8	1.8	1.7	1.7	1.7	1.7	1.9
<b>In current dollars:</b>									
Revenue receipts per pupil in—									
ADA . . . . .	Dollar	2,542	3,860	4,193	4,438	4,747	5,196	5,508	5,827
ADM . . . . .	Dollar	2,392	3,639	3,972	4,200	(NA)	(NA)	(NA)	(NA)
Current expenditures per pupil in—									
ADA . . . . .	Dollar	2,230	3,483	3,764	3,996	4,279	4,620	4,966	5,254
ADM . . . . .	Dollar	2,099	3,283	3,565	3,783	(NA)	(NA)	(NA)	(NA)
<b>In constant (1991) dollars: <sup>7</sup></b>									
Revenue receipts per pupil in—									
ADA . . . . .	Dollar	4,385	4,888	5,160	5,343	5,488	5,741	5,810	5,827
ADM . . . . .	Dollar	4,127	4,607	4,888	5,057	(NA)	(NA)	(NA)	(NA)
Current expenditures per pupil in—									
ADA . . . . .	Dollar	3,847	4,410	4,632	4,811	4,947	5,105	5,237	5,254
ADM . . . . .	Dollar	3,621	4,157	4,388	4,554	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Estimated resident population as of July 1 of the previous year, except 1990 enumerated population as of April 1. Estimates do not reflect revisions based on the 1990 Census of Population. <sup>2</sup> Fall enrollment of the previous year. <sup>3</sup> Kindergarten through grade 6. <sup>4</sup> Grades 7 through 12. <sup>5</sup> Full-time equivalent. <sup>6</sup> Current expenses for summer schools, adult education, post-high school vocational education, personnel retraining, etc., when operated by local school districts and not part of regular public elementary and secondary day-school program. <sup>7</sup> Compiled by U.S. Bureau of the Census. Deflated by the Consumer Price Index, all wage earners (for school year) supplied by U.S. National Center for Education Statistics.

Source: Except as noted, National Education Association, Washington, DC, *Estimates of School Statistics*, annual (copyright) and *Rankings of the States*, annual (copyright); and unpublished data.

**No. 227. Public and Private Elementary and Secondary Schools—Enrollment and Teachers, 1960 to 1990, and Projections, 1991 to 2000**

[In thousands, except percent. As of fall. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten and secondary includes junior high. Minus sign (-) indicates decrease]

ITEM	TOTAL				PUBLIC <sup>2</sup>			PRIVATE		
	Total	Percent change <sup>1</sup>	Elementary	Secondary	Total	Elementary	Secondary	Total	Elementary	Secondary
<b>Enrollment: 1960</b>	42,181	3.6	29,150	13,031	36,281	24,350	11,931	5,900	4,800	1,100
1965	48,369	2.8	31,504	16,865	42,069	26,604	15,465	6,300	4,900	1,400
1970	51,257	1.1	31,544	19,713	45,894	27,492	18,402	5,363	4,052	1,311
1974	50,073	-0.7	30,094	19,979	45,073	26,394	18,679	5,000	3,700	1,300
1975	49,819	-0.6	29,356	20,464	44,819	25,656	19,164	5,000	3,700	1,300
1980	46,208	-1.5	28,188	18,020	40,877	24,196	16,681	5,331	3,992	1,339
1985	44,979	-0.6	28,424	16,555	39,422	24,229	15,193	5,557	4,195	1,362
1986	45,205	0.5	28,266	16,939	39,753	24,150	15,603	5,452	4,116	1,336
1987	45,486	0.6	28,537	16,950	40,007	24,304	15,703	5,479	4,232	1,247
1988	45,430	-0.1	28,451	16,980	40,189	24,415	15,774	5,241	4,036	1,206
1989	45,881	1.0	28,782	17,099	40,526	24,620	15,906	5,355	4,162	1,193
1990, est.	46,221	0.7	29,680	16,541	41,026	25,614	15,412	5,195	4,066	1,129
1991, proj.	46,841	1.3	30,070	16,772	41,575	25,943	15,632	5,266	4,127	1,140
1992, proj.	47,601	1.6	30,442	17,159	42,250	26,250	16,000	5,351	4,192	1,159
1993, proj.	48,410	1.7	30,800	17,610	42,971	26,550	16,421	5,439	4,250	1,189
1995, proj.	50,054	3.4	31,460	18,594	44,442	27,115	17,327	5,612	4,345	1,267
2000, proj.	52,406	4.7	32,691	19,715	46,539	28,175	18,364	5,867	4,516	1,351
<b>Teachers: 1960</b>	1,600	4.5	991	609	1,408	858	550	192	133	59
1965	1,933	3.9	1,112	822	1,710	965	746	223	147	76
1970	2,292	3.4	1,283	1,009	2,059	1,130	929	233	153	80
1974	2,410	1.6	1,330	1,078	2,165	1,166	997	245	164	81
1975	2,453	1.4	1,353	1,100	2,198	1,181	1,017	255	172	83
1980	2,485	0.3	1,401	1,084	2,184	1,189	995	301	212	89
1985	2,549	0.5	1,482	1,067	2,206	1,236	970	343	246	97
1986	2,592	1.7	1,517	1,075	2,244	1,267	977	348	250	98
1987	2,631	1.5	1,554	1,077	2,279	1,297	982	353	257	95
1988	2,668	1.4	1,604	1,064	2,323	1,353	970	345	251	94
1989	2,734	2.5	1,664	1,070	2,356	1,389	968	377	275	102
1990, est.	2,744	0.4	1,632	1,112	2,391	1,379	1,012	353	253	100
1991, proj.	2,826	3.0	1,631	1,194	2,465	1,378	1,087	360	253	107
1992, proj.	2,791	-1.2	1,645	1,146	2,433	1,389	1,043	358	255	103
1993, proj.	2,847	2.0	1,674	1,173	2,482	1,414	1,067	365	260	105
1995, proj.	2,958	3.9	1,736	1,222	2,579	1,467	1,112	379	269	110
2000, proj.	3,181	7.5	1,866	1,316	2,774	1,576	1,198	408	289	118

<sup>1</sup> Average from prior year shown; for 1960, change from 1955. For explanation of average annual change, see Guide to Tabular Presentation. <sup>2</sup> Data beginning 1970 are estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Projections of Education Statistics*, annual.

**No. 228. Public Elementary and Secondary Schools, by Type and Size of School: 1989-90**

[Data reported by schools, rather than school districts]

ENROLLMENT SIZE OF SCHOOL	NUMBER OF SCHOOLS				ENROLLMENT (1,000)					
	Total	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Combined <sup>3</sup>	Other <sup>4</sup>	Total	Elementary <sup>1</sup>	Secondary <sup>2</sup>	Combined <sup>3</sup>	Other <sup>4</sup>
<b>Total</b> . . . . .	<b>83,425</b>	<b>59,757</b>	<b>20,359</b>	<b>2,280</b>	<b>1,029</b>	<b>40,502</b>	<b>25,784</b>	<b>13,647</b>	<b>917</b>	<b>154</b>
<b>PERCENT DISTRIBUTION<sup>5</sup></b>										
<b>Total</b> . . . . .	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
Under 100 students	8.92	6.56	11.10	26.32	60.93	0.92	0.74	0.94	2.97	17.33
100 to 199 students	10.88	10.59	10.96	14.61	17.01	3.32	3.66	2.41	5.23	16.08
200 to 299 students	12.23	13.45	9.16	10.09	9.14	6.23	7.69	3.39	6.16	14.53
300 to 399 students	14.53	17.08	8.29	9.17	5.15	10.30	13.54	4.32	7.98	11.86
400 to 499 students	13.70	16.00	8.29	8.16	2.53	12.46	16.26	5.57	9.04	7.45
500 to 599 students	11.49	13.16	7.65	7.54	1.07	12.74	16.32	6.27	10.22	4.00
600 to 699 students	8.31	9.01	7.03	5.35	0.68	10.88	13.17	6.81	8.59	2.94
700 to 799 students	5.65	5.74	5.84	3.99	0.58	8.54	9.69	6.53	7.42	2.90
800 to 999 students	6.37	5.46	9.24	6.58	0.97	11.45	10.91	12.31	14.55	5.68
1,000 to 1,499 students	5.41	2.71	13.26	6.27	1.55	13.08	7.06	24.09	18.46	12.35
1,500 to 1,999 students	1.60	0.21	5.70	1.40	0.29	5.56	0.78	14.59	5.89	3.25
2,000 to 2,999 students	0.80	0.03	3.08	0.39	0.10	3.78	0.15	10.76	2.29	1.63
3,000 or more students	0.10	0.01	0.39	0.13	(Z)	0.74	0.04	2.02	1.21	(Z)
Average enrollment <sup>5</sup> . . . . .	(X)	(X)	(X)	(X)	(X)	493	441	670	402	150

X Not applicable. Z Represents or rounds to zero. <sup>1</sup> Includes schools beginning with grade 6 or below and with no grade higher than 8. <sup>2</sup> Includes schools with no grade lower than 7. <sup>3</sup> Includes schools with both elementary and secondary grades. <sup>4</sup> Includes special education, alternative, and other schools not classified by grade span. <sup>5</sup> Data for those schools reporting enrollment.

Source: U.S. National Center for Education Statistics, unpublished data from "Common Core of Data" survey.

# School Enrollment by State and Projections

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## No. 229. Public Elementary and Secondary School Enrollment, by State: 1980 and 1989

[As of fall. Includes unclassified students]

STATE	ENROLLMENT (1,000)				ENROLL- MENT RATE <sup>1</sup>	STATE	ENROLLMENT (1,000)				ENROLL- MENT RATE <sup>1</sup>			
	K through Grade 8		Grades 9 through 12				K through Grade 8		Grades 9 through 12					
	1980	1989	1980	1989			1980	1989	1980	1989				
U.S. . . .	27,647	29,149	13,231	11,377	86.5	89.4	MO. . . .	567	576	277	232	83.8	86.3	
AL . . . .	528	526	231	198	87.6	89.2	MT. . . .	106	110	50	41	92.9	95.7	
AK . . . .	60	82	26	28	94.0	99.3	NE. . . .	189	194	91	77	86.6	88.8	
AZ . . . .	357	451	157	156	88.9	90.6	NV. . . .	101	137	49	49	93.4	97.8	
AR . . . .	310	311	138	124	90.3	91.4	NH. . . .	112	124	55	47	85.3	88.0	
CA . . . .	2,730	3,471	1,347	1,301	88.0	91.3	NJ. . . .	820	766	426	310	81.5	83.7	
CO . . . .	374	408	172	155	92.2	93.5	NM. . . .	186	203	85	93	89.5	92.5	
CT . . . .	364	338	168	123	83.3	86.8	NY. . . .	1,838	1,784	1,033	782	80.8	84.3	
DE . . . .	62	71	37	27	79.5	82.2	NC. . . .	786	770	343	311	90.0	91.7	
DC . . . .	71	61	29	21	91.8	89.3	ND. . . .	77	85	40	33	85.9	91.3	
FL . . . .	1,042	1,303	468	469	84.4	89.3	OH. . . .	1,312	1,242	645	525	84.8	86.8	
GA . . . .	742	828	327	298	86.9	87.6	OK. . . .	399	421	179	158	92.9	93.5	
HI . . . .	110	123	55	46	83.4	85.2	OR. . . .	319	340	145	132	88.5	93.9	
ID . . . .	144	157	59	58	95.4	95.5	PA. . . .	1,231	1,148	678	507	80.4	81.2	
IL . . . .	1,335	1,280	649	517	82.6	83.0	RI. . . .	98	98	51	37	79.7	83.8	
IN . . . .	708	671	347	283	88.0	89.6	SC. . . .	426	444	193	172	88.1	89.3	
IA . . . .	351	338	183	140	88.4	92.2	SD. . . .	86	94	42	34	87.4	90.9	
KS . . . .	283	314	133	117	88.7	92.1	TN. . . .	602	590	252	230	87.8	89.6	
KY . . . .	464	452	206	179	83.7	88.1	TX. . . .	2,049	2,443	851	885	92.4	95.8	
LA . . . .	544	582	234	201	80.3	86.0	UT. . . .	250	323	93	115	98.2	95.9	
ME . . . .	153	152	70	62	91.5	97.2	VT. . . .	66	69	29	26	87.9	93.8	
MD . . . .	493	507	256	192	83.9	87.0	VA. . . .	703	712	307	273	90.7	94.8	
MA . . . .	676	590	346	235	88.6	89.3	WA. . . .	515	586	242	224	91.0	94.3	
MI . . . .	1,227	1,128	570	449	90.1	89.5	WV. . . .	270	227	113	100	92.6	92.8	
MN . . . .	482	529	272	211	87.2	92.3	WI. . . .	528	549	303	234	82.1	87.1	
MS . . . .	330	370	147	133	79.6	88.7	WY. . . .	70	70	28	27	97.3	97.2	

<sup>1</sup> Percent of persons 5-17 years old. Based on estimated resident population as of July 1 of year shown and enumerated population as of April 1, 1980. Population data not adjusted for revisions based of the 1990 Census of Population.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## No. 230. Public Elementary and Secondary School Enrollment, 1990, and Projections, 1991 and 1992

[In thousands. As of fall. Includes unclassified students]

STATE	K THROUGH GRADE 8			GRADES 9 THROUGH 12			STATE	K THROUGH GRADE 8			GRADES 9 THROUGH 12		
	1990	1991	1992	1990	1991	1992		1990	1991	1992	1990	1991	1992
U.S. . . .	29,742	30,186	30,663	11,284	11,389	11,587	MO. . . .	588	594	601	222	232	237
AL . . . .	529	531	533	199	195	197	MT. . . .	109	108	108	43	43	42
AK . . . .	82	84	84	30	28	29	NE. . . .	197	197	196	77	77	78
AZ . . . .	475	495	513	115	165	172	NV. . . .	145	151	158	52	54	56
AR . . . .	314	315	316	121	123	125	NH. . . .	130	136	141	41	46	48
CA . . . .	3,611	3,728	3,850	1,352	1,373	1,410	NJ. . . .	783	800	824	300	300	302
CO . . . .	414	421	428	155	155	159	NM. . . .	208	212	216	92	93	95
CT . . . .	349	357	367	120	120	120	NY. . . .	1,813	1,831	1,854	750	768	779
DE . . . .	74	76	76	26	27	29	NC. . . .	782	796	815	301	302	306
DC . . . .	61	61	62	19	20	19	ND. . . .	85	84	83	32	33	34
FL . . . .	1,364	1,426	1,488	498	467	479	OH. . . .	1,256	1,262	1,268	514	514	519
GA . . . .	854	875	898	298	304	310	OK. . . .	422	418	415	157	158	158
HI . . . .	126	129	133	45	47	49	OR. . . .	342	345	347	143	137	141
ID . . . .	155	155	152	66	60	62	PA. . . .	1,174	1,188	1,201	494	493	500
IL . . . .	1,288	1,294	1,305	515	517	521	RI. . . .	101	102	105	37	37	37
IN . . . .	681	682	682	275	280	285	SC. . . .	451	456	462	171	171	174
IA . . . .	339	336	330	145	141	145	SD. . . .	95	96	96	34	35	36
KS . . . .	319	322	323	117	120	125	TN. . . .	597	602	608	225	225	227
KY . . . .	451	445	440	179	177	181	TX. . . .	2,468	2,493	2,516	885	887	892
LA . . . .	577	573	570	202	194	197	UT. . . .	322	319	316	123	126	133
ME . . . .	154	157	160	62	60	60	VT. . . .	71	71	72	25	26	26
MD . . . .	529	549	571	186	190	196	VA. . . .	733	755	782	265	269	274
MA . . . .	606	621	637	223	225	226	WA. . . .	607	620	632	225	232	240
MI . . . .	1,145	1,153	1,161	432	436	440	WV. . . .	223	216	210	100	97	95
MN . . . .	543	552	558	209	215	222	WI. . . .	563	567	569	228	235	241
MS . . . .	366	364	362	134	132	135	WY. . . .	69	67	66	29	27	27

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual.

**No. 231. Public Elementary and Secondary School Enrollment, by Grade: 1960 to 1989**

[1960, for school year; thereafter, as of fall of year. Beginning 1975, kindergarten includes nursery schools. For 1960, enrollment figures are prorated and 12th grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420-424.]

GRADE	ENROLLMENT (1,000)										PERCENT DISTRIBUTION		
	1960	1970	1975	1980	1984	1985	1986	1987	1988	1989	1960	1980	1989
Pupils enrolled . . . . .	36,087	45,894	44,819	40,877	39,208	39,422	39,753	40,007	40,189	40,526	100.0	100.0	100.0
Kindergarten and grades 1-8 . . . . .	27,602	32,558	30,515	27,647	26,905	27,034	27,420	27,930	28,499	29,149	76.5	67.6	71.9
Kindergarten . . . . .	1,923	2,564	2,971	2,689	3,009	3,192	3,310	3,388	3,433	3,489	5.3	6.6	8.6
First . . . . .	3,733	3,817	3,238	2,894	3,113	3,239	3,358	3,407	3,460	3,485	10.3	7.1	8.6
Second . . . . .	3,436	3,654	3,027	2,800	2,904	2,941	3,054	3,173	3,223	3,289	9.5	6.8	8.1
Third . . . . .	3,302	3,663	3,038	2,893	2,765	2,895	2,933	3,046	3,167	3,235	9.2	7.1	8.0
Fourth . . . . .	3,146	3,675	3,112	3,107	2,772	2,771	2,896	2,938	3,051	3,182	8.7	7.6	7.9
Fifth . . . . .	3,118	3,635	3,281	3,130	2,761	2,776	2,775	2,901	2,945	3,067	8.6	7.7	7.6
Sixth . . . . .	3,070	3,598	3,476	3,038	2,831	2,789	2,806	2,811	2,937	2,987	8.5	7.4	7.4
Seventh . . . . .	3,173	3,662	3,619	3,085	3,036	2,998	2,899	2,910	2,905	3,027	8.8	7.5	7.5
Eighth . . . . .	2,701	3,601	3,636	3,086	3,186	2,982	2,870	2,839	2,853	2,853	7.5	7.5	7.0
Unclassified i . . . . .	(X)	690	1,116	924	527	511	520	519	525	534	(X)	2.3	1.3
Grades 9-12 . . . . .	8,485	13,336	14,304	13,231	12,304	12,388	12,333	12,077	11,680	11,377	23.5	32.4	28.1
Ninth . . . . .	2,412	3,654	3,879	3,377	3,441	3,439	3,256	3,143	3,106	3,124	6.7	8.3	7.7
Tenth . . . . .	2,258	3,458	3,723	3,368	3,145	3,230	3,215	3,020	2,895	2,867	6.3	8.2	7.1
Eleventh . . . . .	2,063	3,128	3,354	3,195	2,819	2,866	2,954	2,936	2,749	2,629	5.7	7.8	6.5
Twelfth . . . . .	1,752	2,775	2,986	2,925	2,599	2,550	2,601	2,681	2,650	2,473	4.8	7.2	6.1
Unclassified i . . . . .	(X)	321	362	366	300	303	308	297	290	284	(X)	0.9	0.7

X Not applicable. <sup>1</sup> Includes ungraded and special education.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

**No. 232. Public Elementary and Secondary School Teachers—Selected Characteristics: 1988**

[For school year ending in year shown. Based on survey and subject to sampling error; for details, see source. See table 246 for similar data on private school teachers]

CHARACTERISTIC	Unit	AGE				SEX		RACE/ETHNICITY			LEVEL OF CONTROL	
		Under 30 years old	30 to 39 years old	40 to 49 years old	Over 50 years old	Male	Female	White	Black	Hispanic <sup>2</sup>	Elementary	Secondary
Total <sup>2</sup> . . . . .	1,000 . . .	311	813	752	417	681	1,631	2,050	190	67	1,182	1,142
Highest degree held:												
Bachelor's . . . . .	Percent . . . . .	82.9	53.3	44.2	42.3	44.2	55.5	52.4	50.1	60.9	56.8	47.3
Master's . . . . .	Percent . . . . .	15.4	40.6	46.0	45.5	44.9	37.9	39.9	41.9	29.6	36.9	43.2
Education specialist . . . . .	Percent . . . . .	1.1	5.2	7.8	9.3	5.7	5.7	6.2	5.9	6.7	5.6	7.0
Doctorate . . . . .	Percent . . . . .	(B)	0.5	1.3	1.6	1.6	0.6	0.8	1.4	(B)	0.6	1.3
Full-time teaching experience:												
Less than 3 years . . . . .	Percent . . . . .	36.5	6.0	2.3	1.2	6.2	8.7	8.1	6.4	11.9	8.4	7.6
3 to 9 years . . . . .	Percent . . . . .	63.2	33.6	14.0	5.7	19.5	28.8	26.7	19.6	33.2	27.4	24.6
10 to 20 years . . . . .	Percent . . . . .	(B)	60.2	55.0	27.9	44.3	44.6	44.3	46.0	40.9	44.3	44.7
20 years or more . . . . .	Percent . . . . .	(B)	(B)	28.6	65.0	29.9	17.8	20.8	27.9	13.9	19.8	23.0
Salary:												
Total . . . . .	Dol. . . . .	21,228	26,359	30,635	32,550	32,436	26,345	28,199	27,821	27,235	26,660	29,717
Base . . . . .	Dol. . . . .	19,257	24,447	28,556	30,826	28,244	25,350	26,236	25,965	25,103	25,578	26,879
School year supplement:												
Teachers receiving . . . . .	Percent . . . . .	37.9	32.0	30.8	21.8	52.2	22.6	31.3	21.0	28.7	17.5	43.7
Salary . . . . .	Dol. . . . .	1,881	2,127	2,142	2,387	2,691	1,620	2,031	3,271	2,877	1,818	2,264
Summer school supplement:												
Teachers receiving . . . . .	Percent . . . . .	17.4	16.3	16.3	11.9	19.8	13.8	15.3	18.5	19.9	13.1	18.1
Salary . . . . .	Dol. . . . .	1,880	1,761	1,779	1,955	2,152	1,608	1,738	2,234	2,581	1,846	1,934
Teachers with other employment:												
School year only . . . . .	Percent . . . . .	5.2	5.0	5.8	5.0	8.8	3.8	5.3	4.6	3.9	3.7	6.8
Summer only . . . . .	Percent . . . . .	16.9	6.7	5.1	3.8	10.5	5.5	7.0	6.7	6.8	5.7	8.4
All year . . . . .	Percent . . . . .	11.3	8.8	9.5	6.6	18.6	4.9	9.2	7.3	6.6	5.8	12.2

B Base too small to meet statistical reliability of a derived figure. <sup>1</sup> Persons of Hispanic origin may be of any race.

<sup>2</sup> Includes teachers with no degrees, not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1990.

**No. 233. Public Elementary and Secondary Schools—Number and Average Salary of Classroom Teachers, 1960 to 1991, and by State, 1991**

[Estimates for school year ending in June of year shown. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS <sup>1</sup> (1,000)			AVG. SALARY (\$1,000)			YEAR AND STATE	TEACHERS <sup>1</sup> (1,000)			AVG. SALARY (\$1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary		Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960 . . . . .	1,355	834	521	5.0	4.8	5.3	KY . . . . .	36.7	25.0	11.6	29.1	28.4	30.6
1970 . . . . .	2,008	1,109	899	8.6	8.4	8.9	LA . . . . .	43.6	29.2	14.4	26.2	26.2	26.2
1975 . . . . .	2,171	1,169	1,001	11.7	11.3	12.0	ME . . . . .	14.5	9.7	4.7	28.5	27.9	29.9
1979 . . . . .	2,199	1,189	1,010	15.0	14.7	15.4	MD . . . . .	42.1	22.0	20.1	38.4	37.0	39.8
1980 . . . . .	2,211	1,206	1,005	16.0	15.6	16.5	MA . . . . .	54.0	23.2	30.8	36.1	36.1	36.1
1981 . . . . .	2,192	1,196	996	17.6	17.2	18.1	MI . . . . .	80.9	54.8	26.1	38.3	38.2	36.6
1982 . . . . .	2,158	1,200	959	19.3	18.9	19.8	MN . . . . .	43.6	23.6	20.0	33.1	32.4	34.0
1983 . . . . .	2,134	1,182	952	20.7	20.2	21.3	MS . . . . .	27.8	16.7	11.1	24.4	23.9	25.0
1984 . . . . .	2,144	1,189	955	21.9	21.5	22.6	MO . . . . .	51.3	26.6	24.7	28.5	27.6	29.5
1985 . . . . .	2,175	1,212	963	23.6	23.2	24.2	MT . . . . .	9.6	6.8	2.8	26.7	26.1	28.2
1986 . . . . .	2,215	1,242	973	25.2	24.7	25.8	NE . . . . .	18.4	10.4	8.1	26.6	26.6	26.6
1987 . . . . .	2,249	1,274	975	26.6	26.1	27.2	NV . . . . .	10.4	6.2	4.2	32.2	31.2	33.7
1988 . . . . .	2,283	1,309	974	28.0	27.5	28.8	NH . . . . .	10.5	7.1	3.4	31.3	31.3	31.3
1989 . . . . .	2,324	1,354	970	29.6	29.0	30.2	NJ . . . . .	79.9	50.0	29.9	38.4	37.6	39.7
1990 . . . . .	2,365	1,391	973	31.4	30.8	32.0	NM . . . . .	16.2	11.3	4.9	26.2	25.5	26.9
<b>1991, U.S.</b>	<b>2,400</b>	<b>1,425</b>	<b>974</b>	<b>33.0</b>	<b>32.4</b>	<b>33.8</b>	NY . . . . .	186.0	91.4	94.6	42.1	40.4	43.7
							NC . . . . .	63.9	38.8	25.0	29.2	29.0	29.4
AL . . . . .	40.0	20.7	19.4	27.3	27.3	27.3	ND . . . . .	7.5	4.9	2.6	23.6	23.5	23.7
AK . . . . .	6.6	4.6	2.0	43.4	43.3	44.1	OH . . . . .	103.0	57.3	45.7	32.6	31.7	33.8
AZ . . . . .	34.5	26.6	7.9	30.8	30.8	31.3	OK . . . . .	36.8	19.6	17.2	24.3	23.5	25.2
AR . . . . .	25.6	12.6	13.0	23.0	22.4	23.7	OR . . . . .	26.2	16.2	10.0	32.3	31.6	33.3
CA . . . . .	214.3	157.4	56.9	39.6	38.7	41.1	PA . . . . .	100.3	49.1	51.2	36.1	35.4	36.7
CO . . . . .	32.3	16.5	15.8	31.8	31.1	32.6	RI . . . . .	9.4	5.5	4.0	37.7	37.2	38.4
CT . . . . .	35.3	23.6	11.6	43.8	43.3	45.0	SC . . . . .	36.2	24.3	11.8	28.3	27.7	29.5
DE . . . . .	6.0	3.0	2.9	35.2	34.0	36.2	SD . . . . .	8.3	5.8	2.6	22.4	22.1	23.0
DC . . . . .	6.1	3.9	2.2	39.6	39.6	39.6	TN . . . . .	43.6	30.9	12.7	28.2	27.8	29.4
FL . . . . .	108.1	58.6	49.5	30.6	30.5	30.2	TX . . . . .	206.4	111.0	95.4	28.3	27.7	28.9
GA . . . . .	68.9	47.0	21.8	29.2	29.2	29.2	UT . . . . .	17.4	9.7	7.7	25.0	24.6	25.6
HI . . . . .	9.8	5.5	4.3	32.5	32.5	32.5	VT . . . . .	7.1	3.7	3.4	31.0	30.3	31.6
ID . . . . .	11.3	6.1	5.1	25.5	25.0	26.0	VA . . . . .	64.0	38.0	26.0	32.4	31.3	33.9
IL . . . . .	108.4	76.2	32.3	34.6	33.1	38.3	WA . . . . .	41.9	25.0	16.9	33.1	32.4	34.0
IN . . . . .	54.5	29.2	25.3	32.0	31.7	32.4	WV . . . . .	21.5	11.9	9.5	26.0	25.6	26.4
IA . . . . .	31.1	15.0	16.2	28.0	26.9	29.0	WI . . . . .	47.7	28.5	19.1	33.1	31.8	34.3
KS . . . . .	29.1	17.3	11.8	29.8	29.8	29.8	WY . . . . .	6.6	2.9	3.7	29.0	28.8	29.1

<sup>1</sup> Full-time equivalent.

Source: National Education Association, Washington, DC, *Estimates of School Statistics, 1990-91*, and earlier issues. (Copyright by the National Education Association. All rights reserved.)

**No. 234. Average Starting Salaries of Public School Teachers Compared With Salaries in Private Industry, by Selected Position: 1975 to 1991**

[Except as noted, salaries represent what corporations plan to offer graduates graduating in the year shown with bachelors' degrees. Based on a survey of approximately 200 companies]

ITEM AND POSITION	1975	1980	1984	1985	1986	1987	1988	1989	1990	1991
<b>SALARIES (dollars)</b>										
Teachers <sup>1</sup>	8,233	10,764	14,500	15,460	16,500	17,500	19,400	(NA)	20,486	21,542
College graduates:										
Engineering	12,744	20,136	26,844	26,880	28,512	28,932	29,856	30,852	32,304	34,236
Accounting	11,880	15,720	20,172	20,628	21,216	22,512	25,140	25,908	27,408	27,924
Sales—marketing	10,344	15,936	19,620	20,616	20,688	20,232	23,484	27,768	27,828	26,580
Business administration	9,768	14,100	19,416	19,896	21,324	21,972	23,880	25,344	26,496	26,256
Liberal arts <sup>2</sup>	9,312	13,296	19,344	18,828	21,060	20,508	23,508	25,608	26,364	25,560
Chemistry	11,904	17,124	24,192	24,216	24,264	27,048	27,108	27,552	29,088	29,700
Mathematics—statistics	10,980	17,604	22,416	22,704	23,976	25,548	25,548	28,416	28,944	29,244
Economics—finance	10,212	14,472	20,484	20,964	22,284	21,984	23,928	25,812	26,712	26,424
Computer science	(NA)	17,712	24,864	24,156	26,172	26,280	26,904	28,608	29,100	30,924
<b>INDEX (1975 = 100)</b>										
Teachers <sup>1</sup>	100	131	176	187	200	213	236	(NA)	249	262
College graduates:										
Engineering	100	158	211	211	224	227	234	242	253	268
Accounting	100	132	170	174	179	189	212	218	230	235
Sales—marketing	100	154	190	199	200	196	227	268	269	256
Business administration	100	144	199	204	218	225	244	259	271	268
Liberal arts <sup>2</sup>	100	143	208	202	226	220	252	275	283	274
Chemistry	100	144	203	203	204	227	228	231	244	249
Mathematics—statistics	100	160	204	207	218	233	233	258	263	266
Economics—finance	100	142	201	205	218	215	234	252	261	258
Computer science	(NA)	125	176	171	185	186	190	202	205	218

NA Not available. <sup>1</sup> Estimate. Minimum mean salary. Source: National Education Association, Washington, DC, unpublished data. <sup>2</sup> Excludes Chemistry, Mathematics, Economics, and Computer Science.

Source: Except as noted, Northwestern University Placement Center, Evanston, IL, *The Northwestern Lindquist-Endicott Report*, (copyright).

**No. 235. Average Salary and Wages Paid in Public School Systems, by Selected Positions: 1975 to 1991**

[In dollars. For school year ending in year shown. Data reported by a stratified sample of school systems enrolling 300 or more pupils. Data represent unweighted means of average salaries paid school personnel reported by each school system]

POSITION	1975	1980	1985	1986	1987	1988	1989	1990	1991
<b>ANNUAL SALARY</b>									
Central office administrators:									
Superintendent (contract salary) . . .	30,338	39,344	56,954	60,707	64,580	68,147	71,190	75,425	79,874
Deputy/assoc. superintendent . . .	30,074	37,440	52,877	57,190	60,222	63,872	66,214	69,623	72,428
Assistant superintendent . . .	26,460	33,452	48,003	51,209	53,656	56,894	59,655	62,698	66,553
Administrators for—									
Finance and business . . .	21,850	27,147	40,344	43,200	45,259	47,330	49,933	52,354	55,097
Instructional services . . .	22,608	29,790	43,452	46,110	48,810	50,838	53,716	56,359	59,162
Public relations/information . . .	21,470	24,021	35,287	37,329	38,925	41,305	43,402	44,926	47,938
Staff personnel services . . .	21,470	29,623	44,182	46,269	48,627	51,421	53,972	56,344	59,271
Subject area supervisors . . .	18,601	23,974	34,422	36,797	38,763	41,086	43,555	45,929	48,366
School building administrators:									
Principals:									
Elementary . . .	19,061	25,165	36,452	39,024	41,536	43,664	45,909	48,431	51,453
Junior high/middle . . .	21,136	27,625	39,650	42,365	44,861	47,078	49,427	52,163	55,083
Senior high . . .	22,894	28,207	42,094	44,986	47,896	50,512	52,987	55,722	59,106
Assistant principals:									
Elementary . . .	15,968	20,708	30,496	32,895	34,347	36,364	38,360	40,916	43,548
Junior high/middle . . .	17,868	23,507	33,793	36,094	37,958	40,093	42,292	44,570	46,981
Senior high . . .	18,939	24,816	35,491	37,616	39,758	41,839	44,002	46,486	49,009
Classroom teachers.	11,507	15,913	23,587	25,276	26,731	28,230	29,608	31,278	32,915
Auxiliary professional personnel:									
Counselors . . .	14,479	18,847	27,593	29,388	31,132	32,896	34,244	35,979	38,024
Librarians . . .	12,546	16,764	24,981	26,668	28,390	30,046	31,645	33,489	35,417
School nurses . . .	10,673	13,788	19,944	21,339	22,219	23,692	24,804	26,090	27,713
Secretarial/clerical personnel:									
Central office:									
Secretaries/stenographers . . .	7,318	10,331	15,343	16,383	17,182	18,220	19,045	20,238	21,303
Accounting/payroll clerks . . .	7,588	10,479	15,421	16,604	17,273	18,229	19,143	20,088	21,202
Clerk-typists . . .	6,089	8,359	12,481	13,208	13,729	14,651	15,192	16,125	16,859
School building level:									
Secretaries/stenographers . . .	6,046	8,348	12,504	13,233	13,947	14,749	15,364	16,184	16,953
Library clerks . . .	5,052	6,778	9,911	10,412	10,641	11,234	11,751	12,151	12,696
<b>HOURLY WAGE RATE</b>									
Other support personnel:									
Teacher aides:									
Instructional . . .	2.91	4.06	5.89	6.20	6.43	6.72	7.05	7.43	7.77
Noninstructional . . .	2.81	3.89	5.60	5.91	6.14	6.45	6.69	7.08	7.43
Custodians . . .	3.54	4.88	6.90	7.28	7.51	7.82	8.19	8.54	9.05
Cafeteria workers . . .	2.61	3.78	5.42	5.76	5.92	6.23	6.56	6.77	7.19
Bus drivers . . .	3.75	5.21	7.27	7.72	8.06	8.31	8.78	9.21	9.52

Source: Educational Research Service, Arlington, VA, *National Survey of Salaries and Wages in Public Schools*, annual, vols. 2 and 3. (All rights reserved. copyright.)

**No. 236. Public School Employment, by Occupation, Sex, and Race: 1982 and 1990**

[In thousands. Covers full-time employment. 1982 excludes Hawaii, District of Columbia, and New Jersey. Based on sample survey of school districts with 250 or more students. 1990 based on sample survey of school districts with 100 or more employees; see source for sampling variability]

OCCUPATION	1982					1990				
	Total	Male	Female	White <sup>1</sup>	Black <sup>1</sup>	Total	Male	Female	White <sup>1</sup>	Black <sup>1</sup>
All occupations . . .	3,082	1,063	2,019	2,498	432	3,181	914	2,267	2,502	463
Officials, administrators . . .	41	31	10	36	3	43	28	15	37	4
Principals and assistant principals . . .	90	72	19	76	11	90	56	34	70	13
Classroom teachers <sup>2</sup> . . .	1,680	534	1,146	1,435	186	1,746	468	1,278	1,469	192
Elementary schools . . .	798	129	669	667	98	875	128	747	722	103
Secondary schools . . .	706	363	343	619	67	662	304	358	570	66
Other professional staff . . .	235	91	144	193	35	227	58	170	187	30
Teachers aides <sup>3</sup> . . .	215	14	200	146	45	324	54	270	208	69
Clerical, secretarial staff . . .	210	4	206	177	19	226	5	221	181	24
Service workers . . .	611	316	295	434	132	524	245	279	348	129

<sup>1</sup> Excludes individuals of Hispanic origin. <sup>2</sup> Includes other classroom teachers, not shown separately. <sup>3</sup> Includes technicians. <sup>4</sup> Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Elementary-Secondary Staff Information (EEO-5)*, biennial.

**No. 237. Public Elementary and Secondary School Price Indexes: 1975 to 1989**

[1983 = 100. For years ending June 30. Reflects prices paid by public elementary-secondary schools. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change <sup>1</sup>	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES AND EQUIPMENT						
			Total	Profes- sional salaries	Non- profes- sional salaries	Fringe benefits	Total	Services	Sup- plies and mate- rials	Equip- ment replace- ment	Library mate- rials and text- books	Utilities	Fixed costs
1975	52.7	(X)	53.3	56.0	55.6	40.2	50.6	55.7	58.0	53.7	53.8	35.9	45.0
1976	57.1	8.3	57.6	60.2	59.7	45.7	55.2	59.5	62.5	58.9	60.6	38.9	50.5
1977	60.8	6.5	61.2	63.4	63.2	50.7	59.2	63.4	65.4	62.3	64.7	44.3	56.6
1978	64.6	6.3	64.9	67.2	67.6	52.8	63.8	67.6	69.2	66.7	72.1	48.4	62.6
1979	70.3	8.8	70.4	71.9	72.6	62.5	69.9	71.5	75.8	72.2	76.7	56.2	69.8
1980	76.5	8.8	75.7	76.7	77.8	69.8	79.6	77.4	85.9	79.6	82.1	73.2	77.6
1981	85.7	12.0	84.4	85.1	85.9	80.2	90.4	85.7	95.7	88.0	86.9	92.8	86.9
1982	93.7	9.4	92.6	92.8	94.4	90.3	97.8	94.6	101.1	95.5	91.6	102.2	94.1
1983	100.0	6.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1984	105.6	5.6	106.2	105.7	104.5	109.4	103.5	106.2	102.2	103.0	107.3	98.2	106.9
1985	112.6	6.6	114.2	113.4	111.3	120.3	106.4	112.3	103.5	105.6	113.0	96.5	111.8
1986	119.6	6.2	122.7	121.4	117.6	132.6	107.6	118.8	102.5	108.7	119.0	88.3	117.8
1987	125.7	5.1	129.9	128.4	121.9	143.5	109.8	122.8	103.9	111.3	126.8	83.2	124.6
1988	132.7	5.5	137.6	135.5	127.5	155.4	113.7	125.3	110.3	111.3	145.2	78.6	131.2
1989	139.7	5.3	145.1	142.2	134.0	166.6	119.5	132.2	118.8	116.3	157.0	77.1	137.0

X Not applicable. <sup>1</sup> Change from immediate prior year shown.

Source: Research Associates of Washington, Washington, DC, *Inflation Measures for Schools and Colleges*, annual.

**No. 238. Finances of Public Elementary and Secondary School Systems, by Enrollment-Size Group: 1988-89**

[In millions of dollars, except as indicated. Data are estimates subject to sampling variability. For details, see source. See also Appendix III.]

ITEM	All school systems	ENROLLMENT SIZE						
		50,000 or more	25,000 to 49,999	15,000 to 24,999	7,500 to 14,999	5,000 to 7,499	3,000 to 4,999	Under 3,000
<b>Enrollment, fall 1988 (1,000)</b>	<b>40,228</b>	<b>7,346</b>	<b>3,756</b>	<b>3,710</b>	<b>6,111</b>	<b>3,584</b>	<b>4,681</b>	<b>11,040</b>
<b>General revenue</b>	<b>193,572</b>	<b>37,114</b>	<b>17,058</b>	<b>16,062</b>	<b>27,407</b>	<b>16,332</b>	<b>21,831</b>	<b>57,758</b>
Intergovernmental	107,020	20,912	9,827	9,478	15,316	8,235	10,605	32,647
From Federal government	1,321	290	80	79	146	94	118	514
From States	103,052	20,392	9,468	9,175	14,860	7,962	10,186	31,019
Federal aid distributed by								
State governments	10,071	2,528	999	826	1,347	739	950	2,682
From local governments	2,648	231	289	224	310	180	301	1,114
From own sources	86,552	16,202	7,240	6,584	12,091	8,097	11,226	25,111
Taxes	58,459	7,738	4,883	4,456	8,158	5,878	8,190	19,155
Property	56,965	7,423	4,747	4,402	7,926	5,720	7,954	18,793
Contribution from parent government	16,020	6,502	1,179	912	1,938	1,153	1,597	2,739
Charges and miscellaneous	12,072	1,961	1,178	1,216	1,995	1,066	1,439	3,217
Current charges	5,532	1,029	480	539	826	475	624	1,559
School lunch sales	3,273	452	281	304	521	324	429	963
Interest earnings	3,410	565	326	307	497	297	395	1,023
Other	3,130	367	372	370	672	294	419	635
Employee-retirement revenue	869	615	236	-	18	-	-	-
<b>General expenditure</b>	<b>193,618</b>	<b>36,768</b>	<b>17,201</b>	<b>16,067</b>	<b>27,253</b>	<b>16,276</b>	<b>21,804</b>	<b>58,249</b>
Intergovernmental	563	30	29	46	99	60	78	220
Direct	193,056	36,738	17,172	16,020	27,153	16,217	21,726	58,029
Current operation	176,019	34,042	15,403	14,300	24,394	14,815	19,714	53,350
Salaries and wages	113,028	22,706	10,406	9,749	16,438	9,791	12,966	30,971
Capital outlay	13,838	2,218	1,432	1,411	2,233	1,108	1,615	3,821
Construction	8,574	1,369	845	878	1,446	720	1,050	2,265
Interest on debt	3,199	478	336	310	527	293	396	858
Employee-retirement expenditure	279	175	100	-	-	-	-	-
<b>Debt outstanding</b>	<b>48,568</b>	<b>7,631</b>	<b>4,781</b>	<b>4,529</b>	<b>7,583</b>	<b>4,451</b>	<b>6,340</b>	<b>13,254</b>
Long-term	46,173	7,390	4,628	4,421	7,312	4,269	5,914	12,240
Short-term	2,395	241	153	108	272	182	425	1,013
Long-term debt issued	7,951	1,544	538	593	1,262	680	1,180	2,154
Long-term debt retired	4,074	546	443	376	646	358	532	1,173
Cash and security holdings	44,003	9,819	4,764	2,959	5,160	3,114	4,287	13,900
Employee-retirement holdings	5,458	3,757	1,612	-	88	-	-	-

\* Represents or rounds to zero. <sup>1</sup> Excludes interschool system transactions. <sup>2</sup> As of end of fiscal year.

Source: U.S. Bureau of the Census, *Public Education Finances: 1988-89*, GF-89-10.

**No. 239. Public Elementary and Secondary Estimated Finances, 1970 to 1991, and by State, 1991**

[In millions of dollars, except as noted. For school years ending in June of year shown]

YEAR AND STATE	RECEIPTS						EXPENDITURES					
	Total	Revenue receipts			Non-revenue receipts <sup>1</sup>	Total <sup>2</sup>	Per capita <sup>3</sup> (dol.)	Current expenditures			Capital outlay	
		Total	Federal	State				Elementary and secondary day schools	Average per pupil in ADA <sup>4</sup>	Amount (dol.)	Rank	
1970.....	41,621	38,192	2,767	15,628	19,797	3,429	39,091	194	32,683	773	(X)	4,158
1975.....	66,319	63,047	5,089	27,472	30,486	3,273	62,340	292	53,333	1,286	(X)	5,409
1980.....	101,724	97,635	9,020	47,929	40,686	4,089	96,105	428	85,661	2,230	(X)	6,504
1982.....	117,776	113,999	8,419	54,573	51,007	3,777	113,005	492	102,048	2,753	(X)	6,404
1983.....	125,179	120,486	8,691	57,449	54,346	4,693	119,159	514	109,773	2,960	(X)	6,131
1984.....	133,373	128,875	9,005	61,611	58,259	4,498	127,014	543	116,295	3,185	(X)	6,373
1985.....	146,976	141,013	9,533	69,107	62,373	5,963	139,382	591	127,230	3,483	(X)	7,529
1986.....	161,118	153,807	10,351	75,935	67,521	7,311	152,187	640	138,067	3,764	(X)	9,066
1987.....	170,651	163,767	10,553	81,542	71,672	6,884	163,091	679	147,476	3,996	(X)	10,161
1988.....	183,835	175,959	11,325	86,921	77,713	7,876	175,606	725	158,612	4,280	(X)	11,528
1989.....	202,104	193,144	12,375	94,329	86,440	8,960	191,379	783	171,728	4,620	(X)	13,299
1990.....	215,848	206,754	13,277	100,546	92,930	9,094	208,528	845	186,383	4,975	(X)	14,959
<b>1991, total.</b>	<b>232,985</b>	<b>222,661</b>	<b>13,737</b>	<b>108,884</b>	<b>100,039</b>	<b>10,325</b>	<b>225,693</b>	<b>907</b>	<b>200,786</b>	<b>5,261</b>	<b>(X)</b>	<b>17,297</b>
Alabama.....	2,531	2,421	319	1,612	490	110	2,806	694	2,487	3,648	47	267
Alaska.....	1,016	916	116	583	217	100	894	1,626	798	7,887	5	36
Arizona.....	3,305	2,867	144	1,239	1,483	438	3,270	892	2,533	4,231	41	563
Arkansas.....	1,687	1,578	149	946	482	109	1,571	668	1,365	3,334	48	164
California.....	27,512	27,022	1,900	18,079	7,043	490	27,323	918	24,024	4,826	31	2,094
Colorado.....	3,326	2,871	133	1,131	1,607	454	2,771	841	2,510	4,809	32	170
Connecticut.....	3,773	3,772	151	1,569	2,052	1	3,783	1,151	3,559	7,914	4	138
Delaware.....	616	590	50	401	139	26	593	891	557	6,016	10	20
District of Columbia.....	608	575	57	-	518	33	613	1,010	579	8,210	3	10
Florida.....	11,196	10,615	682	5,500	4,433	581	11,156	862	9,166	5,154	22	1,757
Georgia.....	5,498	5,382	326	2,871	2,185	116	5,568	859	5,129	4,860	29	374
Hawaii.....	932	932	80	851	1	-	869	794	797	5,008	28	43
Idaho.....	808	775	51	478	246	33	730	725	674	3,200	50	40
Illinois.....	9,988	9,534	719	3,500	5,316	454	9,009	788	7,960	5,062	23	403
Indiana.....	4,786	4,732	240	2,669	1,823	55	5,130	925	4,324	5,051	24	457
Iowa.....	2,384	2,283	125	1,164	974	120	2,350	846	2,198	4,839	30	132
Kansas.....	2,248	2,204	109	971	1,125	44	2,244	906	1,941	5,009	27	213
Kentucky.....	2,909	2,711	260	1,865	585	198	2,673	725	2,499	4,390	37	116
Louisiana.....	3,287	3,147	310	1,777	1,060	140	3,198	758	2,672	4,012	42	190
Maine.....	1,261	1,167	75	596	497	94	1,303	1,062	1,172	5,894	12	97
Maryland.....	4,612	4,549	220	1,723	2,806	62	4,514	944	4,092	6,184	9	312
Massachusetts.....	5,380	5,332	275	1,966	3,090	49	5,209	866	4,898	6,351	8	195
Michigan.....	8,664	8,208	373	2,907	4,929	455	8,604	926	7,653	5,257	19	514
Minnesota.....	4,745	4,330	177	2,386	1,767	415	4,330	990	3,729	5,260	18	426
Mississippi.....	1,719	1,653	275	885	493	66	1,726	671	1,575	3,322	49	115
Missouri.....	4,232	3,917	218	1,522	2,177	315	3,795	742	3,230	4,415	36	440
Montana.....	736	736	68	340	328	-	786	983	708	5,184	21	62
Nebraska.....	1,225	1,182	77	305	800	43	1,195	757	1,116	4,381	38	59
Nevada.....	1,159	971	37	403	530	189	1,206	1,004	851	4,564	34	317
New Hampshire.....	1,087	1,023	27	77	919	64	977	881	870	5,504	15	46
New Jersey.....	9,600	9,496	335	3,641	5,520	104	9,452	1,223	9,207	9,159	1	88
New Mexico.....	1,246	1,230	147	937	146	16	1,387	915	1,133	4,446	35	199
New York.....	21,870	21,270	1,067	8,933	11,270	600	21,340	1,186	19,600	8,500	2	1,275
North Carolina.....	5,488	5,370	332	3,579	1,459	118	5,392	813	4,850	4,802	33	511
North Dakota.....	464	451	33	219	199	13	459	719	416	3,685	46	34
Ohio.....	9,950	9,141	513	3,908	4,720	809	9,338	861	8,555	5,639	14	519
Oklahoma.....	2,591	2,426	196	1,490	740	165	2,441	776	2,033	3,742	43	345
Oregon.....	2,575	2,497	151	668	1,679	77	2,628	925	2,371	5,291	17	193
Pennsylvania.....	13,072	11,887	561	5,554	5,772	1,185	10,568	889	9,827	6,534	7	326
Rhode Island.....	854	854	34	350	469	-	895	892	870	6,989	6	11
South Carolina.....	2,958	2,754	234	1,443	1,077	204	2,911	835	2,480	4,327	39	306
South Dakota.....	552	536	60	144	332	17	498	716	448	3,730	44	44
Tennessee.....	3,047	2,931	296	1,391	1,244	116	3,015	618	2,841	3,707	45	75
Texas.....	16,095	15,270	1,078	6,822	7,370	825	15,380	905	13,444	4,238	40	1,383
Utah.....	1,437	1,395	88	798	511	42	1,426	828	1,246	2,993	51	120
Vermont.....	679	662	33	245	384	18	558	992	507	5,740	13	24
Virginia.....	5,362	5,291	255	1,876	3,160	71	5,825	941	4,996	5,360	16	627
Washington.....	5,077	4,568	248	3,370	950	509	5,327	1,095	3,953	5,045	26	1,146
West Virginia.....	1,639	1,637	132	1,095	410	2	1,583	883	1,500	5,046	25	33
Wisconsin.....	4,635	4,467	168	1,826	2,472	169	4,538	928	4,159	5,946	11	234
Wyoming.....	567	554	31	281	241	13	535	1,178	485	5,255	20	35

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> Not applicable. <sup>3</sup> Amount received by local education agencies from the sales of bonds and real property and equipment, loans, and proceeds from insurance adjustments. <sup>4</sup> Includes interest on school debt and other current expenditures not shown separately. <sup>5</sup> Based on Bureau of the Census estimated resident population, as of July 1, the previous year, except 1991 as of enumerated population as of April 1, 1990. Estimates reflect revisions based on the 1990 Census of Population. <sup>6</sup> Average daily attendance.

Source: National Education Association, Washington, DC, *Estimates of School Statistics*, annual (copyright); and unpublished data.

**No. 240. Microcomputers for Student Instruction in Elementary and Secondary Schools: 1981 to 1990**

[As of fall for public schools; as of mid-winter of the previous year for private schools. Public school data based on surveys of every school district and all public schools. Private school data based on surveys of all Catholic and private schools. For details, see source.]

YEAR	PUBLIC SCHOOLS										PRIVATE SCHOOLS			
	Number of schools (1,000)			Percent with micros			Number of micros <sup>2</sup> (1,000)	Students per micro <sup>3</sup>	Number of schools (1,000)	Percent with micros	Number of micros <sup>2</sup> (1,000)	Students per micro <sup>3</sup>		
	Total <sup>1</sup>	Elementary	Junior	Senior	Total	Elementary	Junior	Senior						
1981 . . . . .	84.2	53.3	10.1	15.6	18.2	11.1	25.6	42.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1982 . . . . .	82.4	51.9	9.9	15.3	30.0	20.2	39.8	57.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1983 . . . . .	81.5	51.3	9.8	15.2	68.4	62.4	80.5	86.1	324.4	92.3	22.8	23.8	(NA)	(NA)
1984 . . . . .	81.1	51.0	9.8	15.2	85.1	82.2	93.1	94.6	569.8	63.5	24.4	53.0	62.2	56.2
1985 . . . . .	80.8	50.8	9.7	15.1	92.2	91.0	97.3	97.4	842.6	45.5	23.4	70.3	101.2	41.6
1986 . . . . .	80.5	50.7	9.7	15.1	95.6	94.9	98.5	98.7	1,081.9	36.5	22.7	77.1	129.2	33.7
1987 . . . . .	80.6	50.9	9.7	15.0	96.4	96.0	98.6	99.0	1,354.0	30.8	22.7	78.7	151.1	28.8
1988 . . . . .	80.8	51.0	9.8	15.0	97.1	96.8	98.8	99.1	1,522.9	26.9	22.3	82.8	185.5	23.5
1989 . . . . .	81.7	49.5	11.5	13.7	97.0	96.8	98.5	99.1	1,706.4	24.1	23.4	81.8	222.8	20.1
1990, total . . . . .	82.0	49.7	11.7	13.8	97.2	97.3	98.4	98.8	2,028.7	20.9	22.3	88.2	241.8	19.5
Number of micros <sup>2</sup> .	2,028.7	863.0	369.8	646.5	(X)	(X)	(X)	(X)	(X)	241.8	(X)	(X)	(X)	
Students per micro <sup>3</sup> .	20.9	25.6	19.2	16.4	(X)	(X)	(X)	(X)	(X)	19.5	(X)	(X)	(X)	

NA Not available. X Not applicable. <sup>1</sup> Includes other schools, not shown separately. <sup>2</sup> Includes estimates for schools not reporting number of micros. <sup>3</sup> For schools reporting number of micros.

Source: Market Data Retrieval, Shelton, CT, *Microcomputers in Schools, 1986-87*, (copyright); and unpublished data.

**No. 241. Instructional Use of Computers in Elementary and Secondary Schools, 1985 and 1989, and by Level, 1989**

[Includes microcomputers and terminals used by students or teachers. Based on stratified probability sample of 1,416 public, private, and parochial schools surveyed in spring 1989]

ITEM	Unit	Total, 1985	1989, BY SCHOOL LEVEL <sup>1</sup>			
			Total <sup>2</sup>	Elementary	Middle grades	High school
<b>ALL SCHOOLS</b>						
Computers used for instruction . . . . .	1,000 . . . . .	1,034	2,355	897	583	895
Schools using computers . . . . .	Percent . . . . .	86	96	96	95	98
Schools with 15 or more computers . . . . .	Percent . . . . .	24	57	49	60	68
<b>SCHOOLS USING COMPUTERS FOR INSTRUCTION</b>						
Mean number of computers . . . . .	Number . . . . .	10	26	19	26	45
Median <sup>3</sup> . . . . .	Number . . . . .	8	19	16	20	31
Students per computer, median <sup>3</sup> . . . . .	Number . . . . .	42	20	23	18	14
Percent of all instructional computers in—						
Classrooms . . . . .	Percent . . . . .	37	36	43	28	32
Computer labs . . . . .	Percent . . . . .	49	50	42	58	55
Other locations . . . . .	Percent . . . . .	14	14	15	14	13
Percent of all instructional computers used—						
Usually every day . . . . .	Percent . . . . .	(NA)	71	67	68	77
Less than every week for instruction or not used at all . . . . .	Percent . . . . .	(NA)	10	10	11	9
Hours of use per week (in rooms with greatest number of computers)/median <sup>3</sup> . . . . .	Number . . . . .	17	20	20	20	22
Percent of all student computer use: <sup>4</sup>						
Learning math . . . . .	Percent . . . . .	(NA)	14	19	12	8
Word processing (how to) . . . . .	Percent . . . . .	(NA)	14	12	14	15
Keyboarding (how to) . . . . .	Percent . . . . .	(NA)	13	13	15	12
Learning English . . . . .	Percent . . . . .	(NA)	13	18	11	8
Programming . . . . .	Percent . . . . .	(NA)	8	4	9	12
Recreational use . . . . .	Percent . . . . .	(NA)	8	10	9	5
Tools, e.g., spreadsheets . . . . .	Percent . . . . .	(NA)	7	4	8	11
Learning science . . . . .	Percent . . . . .	(NA)	6	7	7	6
Learning social studies . . . . .	Percent . . . . .	(NA)	5	8	5	3
Business education <sup>5</sup> . . . . .	Percent . . . . .	(NA)	5	2	4	10
Industrial arts . . . . .	Percent . . . . .	(NA)	3	1	3	5
Fine arts . . . . .	Percent . . . . .	(NA)	2	2	2	2
Learning foreign languages . . . . .	Percent . . . . .	(NA)	1	1	2	1
Other . . . . .	Percent . . . . .	(NA)	1	1	1	1

NA Not available. <sup>1</sup> Schools encompassing more than one level are apportioned among the appropriate levels rather than included more than once. <sup>2</sup> 1989 data do not include schools that have only students below grade 4. <sup>3</sup> Definition of median, see Guide to Tabular Presentation. <sup>4</sup> Estimates supplied by each school's most informed computer-using teacher. <sup>5</sup> Other than keyboarding or word processing instruction.

Source: Center for Social Organization of Schools, Johns Hopkins University, Baltimore, MD, International Computers-in-Education Survey, International Association for the Evaluation of Educational Achievement (I.E.A.), unpublished data.

**No. 242. Student Use of Computers, by Level of Instruction and Selected Characteristics: 1989**

[In percent, except as indicated. As of October. Based on Current Population Survey and subject to sampling error; for details see Appendix III]

CHARACTERISTIC	Total	Prekindergarten and kinder- garten	Grades 1 thru 8	Grades 9 thru 12	1 thru 4 years of college	5 years of college or more
Total students (1,000) . . . . .	61,465	6,745	28,662	12,878	10,661	2,520
<b>PERCENT USING COMPUTERS AT SCHOOL</b>						
Sex: Male . . . . .	43.5	13.9	52.9	38.7	42.1	47.0
Female . . . . .	41.9	15.6	51.7	39.8	36.8	34.9
Race: White <sup>1</sup> . . . . .	45.7	17.0	58.4	40.6	40.0	39.5
Black <sup>1</sup> . . . . .	32.5	7.5	35.7	36.0	35.1	34.4
Hispanic . . . . .	42.5	8.5	46.9	41.0	43.5	58.0
Other <sup>1</sup> . . . . .	35.0	9.8	40.3	33.5	33.1	42.1
Household income: Under \$5,000 . . . . .	36.7	8.5	40.4	35.6	40.1	53.5
\$5,000 to \$9,999 . . . . .	36.1	9.2	40.3	32.7	40.5	60.2
\$10,000 to \$14,999 . . . . .	38.4	14.6	44.4	39.1	30.8	55.2
\$15,000 to \$19,999 . . . . .	41.5	11.9	50.9	34.8	39.6	44.0
\$20,000 to \$24,999 . . . . .	42.4	14.6	51.8	40.1	32.5	44.4
\$25,000 to \$29,999 . . . . .	46.1	16.1	56.4	43.8	40.4	42.1
\$30,000 to \$34,999 . . . . .	44.2	17.4	56.8	37.8	37.1	33.3
\$35,000 to \$39,999 . . . . .	45.2	16.1	58.3	41.5	34.5	45.3
\$40,000 to \$49,999 . . . . .	44.7	15.4	59.7	36.7	38.1	35.4
\$50,000 to \$59,999 . . . . .	48.4	17.0	61.2	46.1	43.6	35.3
\$60,000 to \$74,999 . . . . .	45.3	15.1	58.9	42.9	43.2	28.3
\$75,999 or more . . . . .	51.2	21.2	67.0	45.8	49.6	31.0
Control of school: Public . . . . .	43.3	16.4	51.9	39.0	37.5	41.3
Private . . . . .	38.9	11.8	56.6	42.6	46.3	39.7
<b>PERCENT USING COMPUTERS AT HOME</b>						
Sex: Male . . . . .	20.7	11.0	18.7	23.9	25.4	36.0
Female . . . . .	17.0	9.3	16.9	17.4	18.1	31.1
Race: White <sup>1</sup> . . . . .	22.6	12.3	22.3	25.3	23.6	35.4
Black <sup>1</sup> . . . . .	7.3	3.7	6.8	8.5	9.1	18.2
Hispanic . . . . .	19.0	9.9	16.6	22.5	23.5	24.7
Other <sup>1</sup> . . . . .	7.4	2.9	6.6	7.8	11.7	30.2
Household income: Under \$5,000 . . . . .	8.4	4.5	4.1	6.6	17.7	29.4
\$5,000 to \$9,999 . . . . .	5.4	1.0	2.7	4.4	14.2	28.4
\$10,000 to \$14,999 . . . . .	7.2	1.9	6.2	6.5	11.8	26.5
\$15,000 to \$19,999 . . . . .	11.3	3.2	9.2	13.6	15.8	33.6
\$20,000 to \$24,999 . . . . .	12.9	6.8	11.6	13.6	16.9	32.2
\$25,000 to \$29,999 . . . . .	17.0	11.9	16.5	17.1	19.2	29.6
\$30,000 to \$34,999 . . . . .	17.7	8.0	17.6	20.2	19.4	30.7
\$35,000 to \$39,999 . . . . .	21.4	8.7	22.2	25.1	22.1	26.5
\$40,000 to \$49,999 . . . . .	25.7	14.8	27.5	27.7	21.7	40.7
\$50,000 to \$59,999 . . . . .	31.1	20.0	31.2	34.7	29.9	43.2
\$60,000 to \$74,999 . . . . .	32.2	21.4	37.4	33.9	25.0	38.9
\$75,999 or more . . . . .	43.8	25.2	50.9	53.4	33.9	41.4
Control of school: Public . . . . .	17.9	8.3	16.8	19.7	20.7	32.2
Private . . . . .	24.4	13.4	27.7	35.9	23.8	35.9
<b>PERCENT USING COMPUTERS AT HOME FOR SCHOOL WORK</b>						
Sex: Male . . . . .	9.5	0.6	6.3	13.6	16.0	25.9
Female . . . . .	8.3	0.6	6.2	10.8	11.7	22.0
Race: White <sup>1</sup> . . . . .	10.7	0.6	7.7	15.2	15.1	25.4
Black <sup>1</sup> . . . . .	3.4	0.9	2.7	4.0	6.2	12.3
Hispanic . . . . .	9.1	-	5.8	13.2	15.4	14.8
Other . . . . .	3.6	-	2.8	4.4	6.6	27.6
Household income: Under \$5,000 . . . . .	5.0	-	1.5	4.1	12.6	23.8
\$5,000 to \$9,999 . . . . .	3.2	-	0.6	2.6	10.3	26.5
\$10,000 to \$14,999 . . . . .	3.5	0.7	1.8	3.6	8.1	19.3
\$15,000 to \$19,999 . . . . .	4.5	-	2.1	5.2	9.3	30.2
\$20,000 to \$24,999 . . . . .	5.7	0.3	3.8	7.6	10.5	23.8
\$25,000 to \$29,999 . . . . .	6.4	0.3	4.1	8.2	12.3	19.7
\$30,000 to \$34,999 . . . . .	8.0	0.1	5.7	12.0	12.8	19.8
\$35,000 to \$39,999 . . . . .	10.5	1.2	7.9	15.0	15.9	18.7
\$40,000 to \$49,999 . . . . .	11.9	0.7	9.7	17.1	14.3	29.4
\$50,000 to \$59,999 . . . . .	15.7	0.7	12.6	21.9	20.0	31.5
\$60,000 to \$74,999 . . . . .	14.6	0.9	13.0	20.4	14.7	25.6
\$75,999 or more . . . . .	22.0	2.4	21.9	34.2	21.2	22.2
Control of school: Public . . . . .	8.5	0.6	5.9	11.5	13.1	22.2
Private . . . . .	11.4	0.5	9.4	23.6	15.8	27.2

- Represents or rounds to zero. <sup>1</sup> Non-Hispanic.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1990.

## Programs for the Handicapped—Catholic Schools

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### No. 243. Handicapped Children and Youth in Educational Programs for the Handicapped, by Type of Handicap: 1980 to 1990

[For school year ending in year shown. For persons under 22 years old, except as noted. Represents children under 20 served under Chapter 1 of the Elementary and Secondary Education Act (ESEA), State Operated Programs (SOP), and children 3 to 21 served under Education for the Handicapped, Part B (EHA-B). Excludes outlying areas]

ITEM	1980	1982	1983	1984	1985	1986	1987	1988 <sup>1</sup>	1989 <sup>1</sup>	1990 <sup>1</sup>
All conditions (1,000) . . . . .	4,005	4,198	4,255	4,298	4,315	4,317	4,374	4,128	4,173	4,261
PERCENT DISTRIBUTION										
Learning disabled . . . . .	31.9	38.6	40.9	42.0	42.4	43.1	43.6	47.0	47.8	48.5
Speech impaired . . . . .	29.6	27.0	26.6	26.2	26.1	26.1	25.8	23.2	23.1	22.9
Mentally retarded . . . . .	21.7	18.7	17.8	16.9	16.1	15.3	15.0	14.6	13.8	13.3
Emotionally disturbed . . . . .	8.2	8.1	8.3	8.4	8.6	8.7	9.1	8.9	9.0	9.0
Hard of hearing and deaf . . . . .	2.0	1.8	1.7	1.7	1.6	1.5	1.5	1.4	1.4	1.4
Orthopedically handicapped . . . . .	1.6	1.4	1.3	1.3	1.3	1.3	1.3	1.1	1.1	1.1
Other health impaired . . . . .	2.6	1.9	1.2	1.2	1.6	1.3	1.2	1.1	1.2	1.2
Visually handicapped . . . . .	0.8	0.7	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5
Multihandicapped . . . . .	1.5	1.7	1.5	1.5	1.6	2.0	2.2	1.9	2.0	2.1
Deaf-blind . . . . .	0.1	0.1	0.1	0.1	0.1	(Z)	(Z)	(Z)	(Z)	(Z)

<sup>2</sup> Less than .05 percent. <sup>1</sup> For children 6 to 21 years old; total number of children served under 22 years old was 4,494,280 in school year 1987-88, 4,568,118 in school year 1988-89, and 4,687,620 in 1989-90.

Source: U.S. Dept. of Education, Office of Special Education Programs, *Annual Report to Congress*.

### No. 244. Handicapped Children and Youth 3 to 21 Years Old, by Age and Educational Environment: 1988

[For school year ending in year shown. Covers children 3 to 21 served under Chapter 1 of ESEA (SOP) and EHA-B; see headnote, table 243. Includes 40,237 children in Puerto Rico, American Samoa, and Guam]

ENVIRONMENT	NUMBER (1,000)					PERCENT DISTRIBUTION				
	Total	3-5 years old	6-11 years old	12-17 years old	18-21 years old	3-5 years old	6-11 years old	12-17 years old	18-21 years old	
<b>Total</b> . . . . .	<b>4,389.7</b>	<b>306.2</b>	<b>2,094.8</b>	<b>1,756.3</b>	<b>222.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	
Regular class <sup>1</sup> . . . . .	1,299.0	122.8	832.2	315.1	28.7	40.1	39.7	17.9	12.9	
Resource room <sup>2</sup> . . . . .	1,671.2	43.1	747.0	803.1	78.3	14.1	35.6	45.7	35.2	
Separate class <sup>3</sup> . . . . .	1,093.5	87.3	431.0	502.4	72.7	28.5	20.6	28.6	32.7	
Separate school facility:										
Public . . . . .	169.2	25.1	47.6	70.2	26.2	8.2	2.3	4.0	11.8	
Private . . . . .	75.8	20.1	23.1	26.0	6.5	6.5	1.1	1.5	2.9	
Separate residential facility:										
Public . . . . .	21.6	1.0	4.5	12.1	4.3	0.3	0.2	0.7	1.9	
Private . . . . .	12.8	0.4	2.7	7.5	2.0	0.1	0.1	0.4	0.9	
Correctional facility . . . . .	10.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	
Home/hospital . . . . .	35.2	6.1	6.2	19.4	3.5	2.0	0.3	1.1	1.6	

NA Not available. <sup>1</sup> Receives special education and related services less than 21 percent of the school day. <sup>2</sup> Receives services between 21 and 60 percent of the school day. <sup>3</sup> Receives services for more than 60 percent of the school day.

Source: U.S. Dept. of Education, Office of Special Education Programs, Data Analysis Systems (DANS), unpublished data.

### No. 245. Catholic Elementary and Secondary Schools: 1960 to 1990

[As of October 1. Regular sessions only. See also *Historical Statistics, Colonial Times to 1970*, series H 535-544]

ITEM	Unit	1960	1970	1975	1980	1985	1986	1987	1988	1989	1990
Elementary schools . . . . .	Number	10,501	9,362	8,340	8,043	7,806	7,693	7,601	7,501	7,395	7,291
Pupils enrolled . . . . .	1,000 . . .	4,373	3,359	2,525	2,269	2,057	1,998	1,942	1,912	1,893	1,884
Teachers, total . . . . .	1,000 . . .	108	112	99	97	97	94	93	94	94	91
Religious . . . . .	1,000 . . .	79	52	35	25	18	17	15	14	12	11
Lay . . . . .	1,000 . . .	29	60	64	72	79	77	78	80	82	80
Secondary schools . . . . .	Number	2,392	1,981	1,653	1,516	1,430	1,409	1,391	1,362	1,324	1,296
Pupils enrolled . . . . .	1,000 . . .	680	1,008	890	837	762	728	681	639	606	582
Teachers, total . . . . .	1,000 . . .	44	54	50	49	50	48	47	44	43	40
Religious . . . . .	1,000 . . .	33	28	20	14	11	10	10	8	8	6
Lay . . . . .	1,000 . . .	11	26	30	35	39	38	37	36	35	34

Source: National Catholic Educational Association, Washington, DC, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70*, and *U.S. Catholic Schools, 1973-74*, and National Catholic Educational Association/Ganley's, *Catholic Schools in America*, annual. (copyright).

**No. 246. Private Elementary and Secondary School Teachers—Selected Characteristics: 1988**

[For school year ending in year shown. Based on survey and subject to sampling error; for details, see source. See table 232 for similar data on public school teachers]

CHARACTERISTIC	Unit	AGE				SEX		RACE/ETHNICITY			LEVEL OF CONTROL	
		Under 30 years old	30 to 39 years old	40 to 49 years old	Over 50 years old	Male	Female	White	Black	Hispanic <sup>1</sup>	Elementary	Secondary
Total <sup>2</sup> . . . . .	1,000 . . . . .	66	104	83	49	67	240	288	7	9	160	147
Highest degree held:												
Bachelor's . . . . .	Percent . . . . .	83.4	59.3	51.9	52.4	50.9	64.2	61.3	70.5	60.8	70.9	50.9
Master's . . . . .	Percent . . . . .	11.4	31.4	39.1	34.7	38.2	27.4	29.9	15.3	19.7	21.0	39.2
Education specialist . . . . .	Percent . . . . .	(B)	3.1	3.1	5.1	3.6	2.7	2.9	(B)	(B)	2.1	3.7
Doctorate . . . . .	Percent . . . . .	(B)	(B)	2.6	(B)	5.0	0.8	1.6	(B)	(B)	(B)	3.1
Full-time teaching experience:												
Less than 3 years . . . . .	Percent . . . . .	47.3	15.6	8.0	4.0	18.5	18.4	18.3	27.1	21.3	18.4	18.5
3 to 9 years . . . . .	Percent . . . . .	51.4	45.4	31.6	11.1	28.9	39.8	37.4	40.9	40.2	40.5	34.0
10 to 20 years . . . . .	Percent . . . . .	(B)	38.2	44.0	27.5	33.7	28.8	29.9	21.2	25.0	28.7	31.0
20 years or more . . . . .	Percent . . . . .	(B)	(B)	15.4	56.8	18.6	12.1	13.6	(B)	(B)	11.8	15.4
Salary:												
Total . . . . .	Dol. . . . .	15,708	18,340	20,044	19,215	23,273	16,924	18,249	16,837	18,360	16,122	21,017
Base . . . . .	Dol. . . . .	13,755	16,719	18,271	17,630	19,606	15,693	16,519	15,267	16,385	14,957	18,540

B Base too small to meet statistical standards of reliability for a derived figure. <sup>1</sup> Persons of Hispanic origin may be of any race.

? Includes teachers with no degrees, not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1990.

**No. 247. Private Elementary and Secondary Enrollment, Schools, and Tuition Paid, by Orientation and Tuition Levels: 1988**

[For school year ending in year shown. Based on survey and subject to sampling error; for details see source]

ORIENTATION AND TUITION LEVEL	ENROLLMENT (1,000)				SCHOOLS				AVERAGE ANNUAL TUITION (dol.)			
	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined	Total	Elementary	Secondary	Combined
Total . . . . .	5,479	3,175	896	1,408	26,807	17,087	2,425	7,296	1,915	1,357	2,552	2,767
Catholic schools . . . . .	2,902	2,097	732	73	9,527	7,760	1,420	348	1,327	1,005	2,045	3,382
Less than \$1,000 . . . . .	1,230	1,187	(B)	(B)	4,860	4,619	(B)	(B)	(X)	(X)	(X)	(X)
\$1,000 to \$2,499 . . . . .	1,456	882	556	(B)	4,113	3,017	1,037	(B)	(X)	(X)	(X)	(X)
\$2,500 or more . . . . .	215	(B)	(B)	(B)	554	(B)	(B)	(B)	(X)	(X)	(X)	(X)
Other religious schools . . . . .	1,715	768	93	853	12,132	6,859	501	4,771	1,941	1,619	3,592	2,052
Less than \$1,000 . . . . .	283	170	(B)	111	4,407	2,794	(B)	1,601	(X)	(X)	(X)	(X)
\$1,000 to \$2,499 . . . . .	1,034	481	(B)	537	6,377	3,497	(B)	2,751	(X)	(X)	(X)	(X)
\$2,500 or more . . . . .	397	118	74	205	1,347	568	360	419	(X)	(X)	(X)	(X)
Non-sectarian schools . . . . .	863	310	71	482	5,148	2,468	504	2,177	3,839	3,091	6,391	3,941
Less than \$1,000 . . . . .	96	(B)	74	805	(B)	(B)	(B)	619	(X)	(X)	(X)	(X)
\$1,000 to \$2,499 . . . . .	214	73	(B)	140	1,388	836	(B)	520	(X)	(X)	(X)	(X)
\$2,500 or more . . . . .	552	219	66	267	2,984	1,518	428	1,038	(X)	(X)	(X)	(X)

B Base figure too small to meet statistical standards of reliability for a derived figure. X Not applicable.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1990.

**No. 248. Private Elementary and Secondary Schools—Enrollment Size and Minority Enrollment, by Orientation: 1988**

[For school year ending in year shown. Based on survey and subject to sampling error; for details see source]

CHARACTERISTIC	ENROLLMENT (1,000)				SCHOOLS			
	Total	Catholic	Other religious	Non-sectarian	Total	Catholic	Other religious	Non-sectarian
Total <sup>1</sup> . . . . .	5,479.4	2,901.8	1,714.9	862.7	26,807	9,527	12,132	5,148
School enrollment:								
Less than 150 students . . . . .	841.3	177.7	450.0	213.6	13,122	1,820	8,058	3,245
150 to 299 students . . . . .	1,744.4	938.1	559.4	247.0	8,125	4,225	2,697	1,203
300 to 499 students . . . . .	1,291.8	837.4	318.5	135.9	3,454	2,211	868	374
500 to 749 students . . . . .	784.0	467.3	189.7	127.0	1,319	801	315	203
750 or more students . . . . .	817.9	481.3	197.4	(B)	758	470	193	
Percent minority students:								
Less than 5 percent . . . . .	44.4	43.4	50.9	34.8	46	45.2	55.8	26.4
5 percent, less than 20 percent . . . . .	28.7	26.4	29.4	35.2	28	24.2	27.0	36.0
20 percent, less than 50 percent . . . . .	12.3	13.1	8.9	16.2	12	12.4	8.6	19.8
50 percent or more . . . . .	14.6	17.1	10.8	13.9	14	18.2	8.6	17.8

B Base figure too small to meet statistical standards of reliability of a derived figure. <sup>1</sup> Includes enrollment size class not specified.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1991.

**No. 249. Scholastic Aptitude Test (SAT) Scores and Characteristics of College-Bound Seniors: 1967 to 1991**  
 [For school year ending in year shown]

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1975	1980	1985	1986	1987	1988	1989	1990	1991
<b>TEST SCORES<sup>1</sup></b>												
Verbal, total <sup>2</sup>	Point	466	460	434	424	431	431	430	428	427	424	422
Male	Point	463	459	437	428	437	437	435	435	434	429	426
Female	Point	468	461	431	420	425	426	425	422	421	419	418
Math, total <sup>2</sup>	Point	492	488	472	466	475	475	476	476	476	476	474
Male	Point	514	509	495	491	499	501	500	498	500	499	497
Female	Point	467	465	449	443	452	451	453	455	454	455	453
<b>PARTICIPANTS</b>												
Total	1,000	(NA)	(NA)	996	992	977	1,001	1,080	1,134	1,088	1,026	1,033
Male	Percent	(NA)	(NA)	49.9	48.2	48.3	48.1	48.2	47.0	47.9	47.8	47.7
White	Percent	(NA)	(NA)	86.0	82.1	81.0	(NA)	78.2	77.0	74.7	73.0	72.0
Black	Percent	(NA)	(NA)	7.9	9.1	7.5	(NA)	8.7	9.2	9.6	10.0	10.0
Obtaining scores <sup>1</sup> of— 600 or above:												
Verbal	Percent	(NA)	(NA)	7.9	7.2	7.9	7.9	8.1	7.3	7.8	7.4	7.2
Math	Percent	(NA)	(NA)	15.6	15.1	17.1	17.9	18.3	17.6	18.0	18.4	17.8
Below 400:												
Verbal	Percent	(NA)	(NA)	37.8	41.8	39.4	38.2	39.8	39.4	40.4	41.2	42.4
Math	Percent	(NA)	(NA)	28.5	30.2	28.2	28.0	28.3	27.8	28.0	28.4	29.1
Selected intended area of study:												
Business and commerce	Percent	(NA)	(NA)	11.5	18.6	21.0	(NA)	23.1	23.0	22.3	21.0	19.0
Engineering	Percent	(NA)	(NA)	6.7	11.1	11.7	(NA)	11.1	10.1	10.1	10.0	10.0
Social science	Percent	(NA)	(NA)	7.7	7.8	7.5	(NA)	10.9	11.7	12.6	13.0	12.0
Education	Percent	(NA)	(NA)	9.1	6.1	4.7	(NA)	6.0	6.6	7.1	7.0	8.0
SAT average <sup>1</sup> by high school rank:												
Top tenth	Point	(NA)	(NA)	(NA)	539	547	547	552	550	550	549	548
Second tenth	Point	(NA)	(NA)	470	482	481	484	483	483	483	480	
Second fifth	Point	(NA)	(NA)	431	442	440	440	440	440	440	438	437
Third fifth	Point	(NA)	(NA)	386	396	396	395	395	394	394	392	391

NA Not available. <sup>1</sup> Minimum score 200; maximum score, 800. <sup>2</sup> 1967 and 1970 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, NY, *National College-Bound Senior*, annual, (copyright).

**No. 250. American College Testing (ACT) Program Scores and Characteristics of College-Bound Students: 1967 to 1991**

[For academic year ending in year shown. Except as indicated, test scores and characteristics of college-bound students. Through 1985, data based on 10 percent sample; thereafter, based on all ACT tested seniors]

TYPE OF TEST AND CHARACTERISTIC	Unit	1967	1970	1975	1980	1985	1986	1987	1988	1989	1990 <sup>1</sup>	1991 <sup>1</sup>
<b>TEST SCORES<sup>2</sup></b>												
Composite	Point	19.9	18.6	18.5	18.5	18.6	18.8	18.7	18.8	18.6	20.6	20.6
Male	Point	20.3	19.5	19.3	19.3	19.4	19.6	19.5	19.6	19.3	21.0	20.9
Female	Point	19.4	17.8	17.9	17.8	17.9	18.1	18.1	18.1	18.0	20.3	20.4
English	Point	18.5	17.7	17.9	17.8	18.1	18.5	18.4	18.5	18.4	20.5	20.3
Male	Point	17.6	17.1	17.3	17.3	17.6	17.9	17.9	18.0	17.8	20.1	19.8
Female	Point	19.4	18.3	18.3	18.2	18.6	18.9	18.9	19.0	18.9	20.9	20.7
Math	Point	20.0	17.6	17.4	17.3	17.2	17.3	17.2	17.2	17.1	19.9	20.0
Male	Point	21.1	19.3	18.9	18.9	18.6	18.8	18.6	18.4	18.3	20.7	20.6
Female	Point	18.8	16.2	16.2	16.0	16.0	16.0	16.1	16.1	16.1	19.3	19.4
Reading <sup>3</sup>	Point	19.7	17.4	17.2	17.2	17.4	17.6	17.5	17.4	17.2	(NA)	21.2
Male	Point	20.3	18.7	18.2	18.3	18.3	18.6	18.4	18.4	18.1	(NA)	21.3
Female	Point	19.0	16.4	16.4	16.4	16.6	16.9	16.7	16.6	16.4	(NA)	21.1
Science reasoning <sup>4</sup>	Point	20.8	21.1	21.0	21.0	21.2	21.4	21.4	21.4	21.2	(NA)	20.7
Male	Point	21.6	22.4	22.4	22.3	22.6	22.7	22.7	22.8	22.6	(NA)	21.3
Female	Point	20.0	20.0	20.0	20.0	20.0	20.2	20.1	20.2	20.0	(NA)	20.1
<b>PARTICIPANTS<sup>5</sup></b>												
Total	1,000	788	714	822	836	739	730	777	842	855	817	796
Male	Percent	52	46	45	45	46	46	46	46	46	46	45
White	Percent	(NA)	77	83	83	82	82	81	81	80	79	79
Black	Percent	4	7	8	8	8	8	9	9	9	9	9
Obtaining composite scores <sup>6</sup> of— 27 or above	Percent	14	14	13	13	14	14	14	14	12	11	11
18 or below	Percent	21	33	33	33	32	31	31	32	35	35	35
Planned educational major:												
Business <sup>7</sup>	Percent	18	21	20	19	21	22	23	23	22	20	18
Engineering	Percent	8	6	8	10	9	9	8	9	9	9	10
Social science <sup>8</sup>	Percent	10	9	6	6	7	8	9	10	11	10	10
Education	Percent	16	12	9	7	6	7	8	8	8	8	10

NA Not available. <sup>1</sup> Beginning 1990, not comparable with previous years because a new version of the ACT was introduced. Estimated average composite scores for prior years: 1989, 20.6; 1988, 19.8; 1987, 19.8; 1986, 20.8. <sup>2</sup> Minimum score, 1; maximum score, 36. <sup>3</sup> Prior to 1990, social studies; data not comparable with previous years. <sup>4</sup> Prior to 1990, natural sciences; data not comparable with previous years. <sup>5</sup> Beginning 1985, data are for seniors who graduated in year shown and had taken the ACT in their junior or senior years. <sup>6</sup> Prior to 1990, 26 or above and 15 or below. <sup>7</sup> Includes political and persuasive (e.g. sales) fields through 1975; thereafter, business and commerce. <sup>8</sup> Includes religion through 1975.

Source: The American College Testing Program, Iowa City, IA, *High School Profile Report*, annual.

**No. 251. Proficiency Test Scores for Selected Subjects, by Characteristic: 1977 to 1990**

[Based on The National Assessment of Educational Progress Tests which are administered to a representative sample of students in public and private schools. Test scores can range from 0 to 500. For details, see source]

TEST AND YEAR	Total	SEX		RACE			PARENTAL EDUCATION				
		Male	Female	White <sup>1</sup>	Black <sup>1</sup>	Hispanic	Less than high school	High school	More than high school		
									Total	Some college	College graduate
<b>READING</b>											
9 year olds:											
1979 to 1980 . . . . .	215	210	220	221	189	190	194	213	226	(NA)	(NA)
1983 to 1984 . . . . .	211	208	214	218	186	187	195	209	223	(NA)	(NA)
1989 to 1990 . . . . .	209	204	215	217	182	189	193	209	218	(NA)	(NA)
13 year olds:											
1979 to 1980 . . . . .	259	254	263	264	232	237	239	254	271	(NA)	(NA)
1983 to 1984 . . . . .	257	253	262	263	236	240	240	253	268	(NA)	(NA)
1989 to 1990 . . . . .	257	251	263	262	242	238	241	251	267	(NA)	(NA)
17 year olds:											
1979 to 1980 . . . . .	286	282	290	293	243	261	262	277	299	(NA)	(NA)
1983 to 1984 . . . . .	289	284	294	296	264	268	269	281	301	(NA)	(NA)
1989 to 1990 . . . . .	290	284	297	297	267	275	270	283	300	(NA)	(NA)
<b>MATHEMATICS</b>											
9 year olds:											
1977 to 1978 . . . . .	219	217	220	224	192	203	200	219	(NA)	230	231
1981 to 1982 . . . . .	219	217	221	224	195	204	199	218	(NA)	225	229
1989 to 1990 . . . . .	230	229	230	235	208	214	210	226	(NA)	236	238
13 year olds:											
1977 to 1978 . . . . .	264	264	265	272	230	238	245	263	(NA)	273	284
1981 to 1982 . . . . .	269	269	268	274	240	252	251	263	(NA)	275	282
1989 to 1990 . . . . .	270	271	270	276	249	255	253	263	(NA)	277	280
17 year olds:											
1977 to 1978 . . . . .	300	304	297	306	268	276	280	294	(NA)	305	317
1981 to 1982 . . . . .	299	302	296	304	272	277	279	293	(NA)	304	312
1989 to 1990 . . . . .	305	306	303	310	289	284	285	294	(NA)	308	316
<b>SCIENCE</b>											
9 year olds:											
1976 to 1977 . . . . .	220	222	218	230	192	175	199	223	(NA)	237	232
1981 to 1982 . . . . .	221	221	221	229	189	187	198	218	(NA)	229	231
1989 to 1990 . . . . .	229	230	227	238	196	206	210	226	(NA)	238	236
13 year olds:											
1976 to 1977 . . . . .	247	251	244	256	208	213	224	245	(NA)	260	267
1981 to 1982 . . . . .	250	256	245	257	217	226	225	243	(NA)	259	264
1989 to 1990 . . . . .	255	259	252	264	226	232	233	247	(NA)	263	268
17 year olds:											
1976 to 1977 . . . . .	290	297	282	298	262	240	265	284	(NA)	296	309
1981 to 1982 . . . . .	283	292	275	293	249	235	259	275	(NA)	290	300
1989 to 1990 . . . . .	290	296	285	301	253	262	261	276	(NA)	297	306

NA Not available. <sup>1</sup> Non-Hispanic.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

**No. 252. High School Dropouts, by Race and Hispanic Origin: 1973 to 1990**

[In percent. As of October]

ITEM	1973	1975	1980	1982	1983	1984	1985	1986	1987 <sup>1</sup>	1988 <sup>1</sup>	1989 <sup>1</sup>	1990 <sup>1</sup>
<b>EVENT DROPOUTS <sup>2</sup></b>												
Total <sup>3</sup> . . . . .	6.3	5.9	6.2	5.6	5.3	5.3	5.3	4.8	4.2	4.9	4.5	4.1
White, non-Hispanic . . . . .	5.5	5.0	5.3	4.9	4.5	4.6	4.4	3.7	3.7	4.2	3.5	3.4
Male . . . . .	6.2	4.6	5.7	5.1	4.8	5.0	4.6	3.8	4.2	4.3	3.7	3.6
Female . . . . .	4.9	5.4	4.9	4.7	4.1	4.2	4.1	3.7	3.2	4.1	3.3	3.2
Black, non-Hispanic . . . . .	9.9	8.5	8.4	8.0	7.2	6.0	6.1	5.6	6.5	5.9	7.9	5.1
Male . . . . .	12.0	8.4	7.8	9.1	7.2	6.2	8.5	5.2	6.2	6.5	7.0	4.3
Female . . . . .	8.0	8.7	8.9	6.9	7.3	5.8	7.7	6.0	6.7	5.2	8.7	5.8
Hispanic . . . . .	9.9	11.1	11.8	9.6	10.2	11.6	9.9	12.1	5.8	10.6	7.8	8.1
Male . . . . .	8.2	10.4	17.7	9.9	14.0	13.0	9.5	12.6	5.2	12.5	7.8	8.9
Female . . . . .	11.5	11.8	6.8	9.2	6.3	10.4	10.3	11.5	6.4	8.4	7.8	7.4
<b>STATUS DROPOUTS <sup>4</sup></b>												
Total <sup>3</sup> . . . . .	14.1	13.9	14.1	13.9	13.7	13.1	12.6	12.2	12.7	12.9	12.6	12.1
White, non-Hispanic . . . . .	11.6	11.4	11.3	11.4	11.2	11.0	10.4	9.7	10.4	9.6	9.4	9.0
Male . . . . .	11.5	10.9	12.2	12.0	12.2	12.0	11.0	10.2	10.8	10.3	10.3	9.3
Female . . . . .	11.8	11.8	10.5	10.8	10.1	10.1	9.9	9.1	10.0	8.9	8.5	8.7
Black, non-Hispanic . . . . .	22.2	22.8	19.2	18.4	18.0	15.5	15.2	14.1	14.2	14.3	13.9	13.2
Male . . . . .	21.5	22.9	20.8	21.1	20.0	16.9	16.1	14.7	14.9	15.0	14.9	11.9
Female . . . . .	22.8	22.8	17.8	15.9	16.2	14.3	14.4	13.5	13.3	13.7	13.0	14.4
Hispanic . . . . .	33.5	29.2	35.2	31.7	31.6	29.8	27.6	30.1	28.6	35.8	33.0	32.4
Male . . . . .	30.4	26.7	37.2	30.5	34.3	30.6	29.9	32.8	29.1	36.0	34.4	34.3
Female . . . . .	36.4	31.8	33.2	32.8	29.1	29.0	25.2	27.2	28.1	35.4	31.6	30.3

<sup>1</sup> Beginning 1987 reflects new editing procedures for cases with missing data on school enrollment. <sup>2</sup> Percent of students who drop out in a single year without completing high school. For grades 10 to 12. <sup>3</sup> Includes other races, not shown separately. <sup>4</sup> Percent of the population who have not completed high school and are not enrolled, regardless of when they dropped out. For persons 16 to 24 years old.

Source: U.S. National Center for Education Statistics, *Dropout Rates in the United States, 1990*.

# High School Dropouts—Enrollment Status

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## No. 253. High School Dropouts 14 to 24 Years Old, by Age, Race, and Hispanic Origin: 1970 to 1991

[As of October. See headnote, table 255 for definition of dropouts]

AGE AND RACE	NUMBER OF DROPOUTS (1,000)									PERCENT OF POPULATION			
	1970	1980	1985	1987	1988	1989	1990	1991	1970	1980	1985	1991	
<b>Total dropouts</b> <sup>1,2</sup> . . . . .	<b>4,670</b>	<b>5,212</b>	<b>4,456</b>	<b>4,349</b>	<b>4,300</b>	<b>4,109</b>	<b>3,854</b>	<b>3,964</b>	<b>12.2</b>	<b>12.0</b>	<b>10.6</b>	<b>10.5</b>	
16 to 17 years . . . . .	617	709	505	500	482	395	418	395	8.0	8.8	7.0	6.0	
18 to 21 years . . . . .	2,138	2,578	2,095	1,966	2,081	2,128	1,921	1,960	16.4	15.8	14.1	14.1	
22 to 24 years . . . . .	1,770	1,798	1,724	1,785	1,668	1,516	1,458	1,526	18.7	15.2	14.1	14.3	
<b>White</b> <sup>2</sup> . . . . .	<b>3,577</b>	<b>4,168</b>	<b>3,583</b>	<b>3,522</b>	<b>3,480</b>	<b>3,314</b>	<b>3,127</b>	<b>3,229</b>	<b>10.8</b>	<b>11.3</b>	<b>10.3</b>	<b>10.5</b>	
16 to 17 years . . . . .	485	619	424	401	411	328	334	312	7.3	9.2	7.1	5.9	
18 to 21 years . . . . .	1,618	2,032	1,678	1,577	1,670	1,690	1,516	1,558	14.3	14.7	13.6	13.9	
22 to 24 years . . . . .	1,356	1,416	1,372	1,465	1,342	1,236	1,235	1,287	16.3	14.0	13.3	14.6	
<b>Black</b> <sup>2</sup> . . . . .	<b>1,047</b>	<b>934</b>	<b>748</b>	<b>706</b>	<b>709</b>	<b>648</b>	<b>611</b>	<b>631</b>	<b>22.2</b>	<b>16.0</b>	<b>12.6</b>	<b>11.3</b>	
16 to 17 years . . . . .	125	80	70	77	67	61	73	77	12.8	6.9	6.5	7.4	
18 to 21 years . . . . .	500	486	376	338	368	363	345	354	30.5	23.0	17.5	16.6	
22 to 24 years . . . . .	397	346	279	273	263	220	185	191	37.8	24.0	17.8	14.0	
<b>Hispanic</b> <sup>2,3</sup> . . . . .	<b>(NA)</b>	<b>919</b>	<b>820</b>	<b>941</b>	<b>1,177</b>	<b>1,168</b>	<b>1,122</b>	<b>1,262</b>	<b>(NA)</b>	<b>29.5</b>	<b>23.3</b>	<b>29.5</b>	
16 to 17 years . . . . .	(NA)	92	97	76	123	80	89	102	(NA)	16.6	14.6	15.8	
18 to 21 years . . . . .	(NA)	470	335	410	552	538	502	574	(NA)	40.3	29.3	35.1	
22 to 24 years . . . . .	(NA)	323	365	439	494	524	523	565	(NA)	40.6	33.9	45.7	

NA Not available. <sup>1</sup> Includes other groups not shown separately. <sup>2</sup> Includes persons 14 to 15 years, not shown separately.

<sup>3</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460, and earlier reports; and unpublished data.

## No. 254. Enrollment Status, by Race, Hispanic Origin, and Sex: 1975 and 1991

[As of October. For persons 18 to 21 years old. For the civilian noninstitutional population. Based on the Current Population Survey; see text, section 1 and Appendix III.]

CHARACTERISTIC	TOTAL PERSONS 18 TO 21 YEARS OLD (1,000)	PERCENT DISTRIBUTION											
		Enrolled in high school		High school graduates						Not high school graduates			
				Total		In college		Not in college					
		1975	1991	1975	1991	1975	1991	1975	1991	1975	1991	1975	1991
<b>Total</b> <sup>1</sup> . . . . .	<b>15,693</b>	<b>13,906</b>	<b>5.7</b>	<b>8.2</b>	<b>78.0</b>	<b>77.7</b>	<b>33.5</b>	<b>42.2</b>	<b>44.5</b>	<b>35.5</b>	<b>16.3</b>	<b>14.1</b>	
White . . . . .	13,448	11,187	4.7	6.9	80.6	79.1	34.6	44.1	46.0	35.0	14.7	13.9	
Black . . . . .	1,997	2,138	12.5	14.2	60.4	69.3	24.9	28.3	35.6	41.0	27.0	16.6	
Hispanic <sup>2</sup> . . . . .	899	1,637	12.0	13.4	57.2	51.6	24.4	23.9	32.8	27.7	30.8	35.1	
Male <sup>1</sup> . . . . .	7,584	6,772	7.4	10.5	76.6	75.0	35.4	40.1	41.3	34.9	15.9	14.6	
White . . . . .	6,545	5,459	6.2	8.9	79.7	76.1	36.9	41.4	42.8	34.7	14.1	15.0	
Black . . . . .	911	1,026	15.9	18.9	55.0	66.3	23.9	26.8	31.1	39.5	29.0	14.7	
Hispanic <sup>2</sup> . . . . .	416	826	17.3	13.9	54.6	45.3	25.2	17.8	29.3	27.5	27.9	41.0	
Female <sup>1</sup> . . . . .	8,109	7,134	4.2	6.0	79.2	80.3	31.8	44.2	47.4	36.1	16.6	13.6	
White . . . . .	6,903	5,728	3.2	5.0	81.4	82.1	32.4	46.8	49.0	35.3	15.3	12.8	
Black . . . . .	1,085	1,112	9.7	9.6	65.0	71.9	25.8	29.7	39.2	42.3	25.4	18.4	
Hispanic <sup>2</sup> . . . . .	484	812	7.6	12.8	59.3	58.1	23.6	30.0	35.7	28.1	33.1	29.1	

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460, and forthcoming report.

## No. 255. Employment Status of High School Graduates Not Enrolled in College and School Dropouts, by Sex and Race: 1980 to 1990

[In thousands, except percent. As of October. For civilian noninstitutional population 16 to 24 years old. High school graduates: Persons not enrolled in college who have completed 4 years of high school only. Dropouts: Persons not in regular school and who have not completed the 12th grade nor received a general equivalency degree. Based on Current Population Survey; see text, section 1, and Appendix III.]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1980	1985	1988	1989	1990	1980	1985	1988	1989	1990
<b>Civilian population</b> . . . . .	<b>11,622</b>	<b>10,381</b>	<b>8,999</b>	<b>8,645</b>	<b>8,370</b>	<b>5,254</b>	<b>4,323</b>	<b>4,231</b>	<b>4,042</b>	<b>3,800</b>
In labor force . . . . .	9,795	8,825	7,638	7,266	7,107	3,549	2,920	2,763	2,703	2,506
Percent of population . . . . .	84.3	85.0	84.9	84.1	84.9	67.5	67.5	65.3	66.9	66.0
Employed . . . . .	8,567	7,707	6,932	6,552	6,279	2,651	2,165	2,235	2,147	1,993
Percent of labor force . . . . .	87.5	77.3	90.8	90.2	86.3	74.7	74.1	80.9	79.4	79.5
Male . . . . .	4,462	4,001	3,648	3,534	3,435	1,780	1,475	1,482	1,491	1,304
Female . . . . .	4,105	3,706	3,284	3,018	2,845	871	690	753	656	689
White . . . . .	7,638	6,732	5,899	5,543	5,334	2,310	1,888	1,924	1,861	1,761
Black . . . . .	817	865	894	853	794	305	226	238	223	178
Unemployed <sup>1</sup> . . . . .	1,228	1,118	706	714	828	898	755	528	555	513
Percent of labor force . . . . .	12.5	12.7	9.2	9.8	11.7	25.3	25.9	19.1	20.6	20.5
Male . . . . .	695	569	376	364	428	548	462	331	343	301
Female . . . . .	532	549	330	350	400	350	293	197	213	212
White . . . . .	924	729	488	478	526	636	582	394	397	361
Black . . . . .	269	360	205	224	279	239	160	127	148	136
Not in labor force . . . . .	1,827	1,556	1,361	1,379	1,262	1,705	1,403	1,468	1,339	1,294
Percent of population . . . . .	15.7	15.0	15.1	16.0	15.1	32.5	32.5	34.7	33.1	34.1

<sup>1</sup> Includes other races not shown separately.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307; and unpublished data.

**No. 256. Public High School Graduates, by State, 1980 to 1990, and Projections, 1991 to 1993**

[In thousands. For school year ending in year shown]

STATE	1980	1985	1986	1987	1988	1989	1990, est.	1991, proj.	1992, proj.	1993, proj.
U.S. ....	<b>2,747.7</b>	<b>2,414.0</b>	<b>2,382.6</b>	<b>2,428.8</b>	<b>2,500.2</b>	<b>2,456.2</b>	<b>2,324.0</b>	<b>2,210.0</b>	<b>2,193.0</b>	<b>2,215.0</b>
AL.....	45.2	40.0	39.6	42.5	43.8	43.4	36.6	39.8	38.5	38.9
AK.....	5.2	5.2	5.5	5.7	5.9	5.6	5.4	5.3	5.3	5.3
AZ.....	28.6	27.9	27.5	29.5	29.8	31.9	32.1	28.2	29.2	29.7
AR.....	29.1	26.3	26.2	27.1	27.8	27.9	27.3	25.9	25.8	25.5
CA.....	249.2	225.4	229.0	237.4	249.6	244.6	229.4	227.1	234.9	243.5
CO.....	36.8	32.3	32.6	34.2	36.0	35.5	33.0	31.3	30.4	31.4
CT.....	37.7	32.1	33.6	31.1	32.4	30.9	30.0	26.2	26.0	25.7
DE.....	7.6	5.9	5.8	5.9	6.0	6.1	6.1	5.2	5.3	5.4
DC.....	5.0	3.9	3.9	3.8	3.9	3.6	3.6	3.1	3.2	2.8
FL.....	87.3	81.1	83.0	82.2	89.2	90.8	89.0	86.8	87.8	78.6
GA.....	61.6	58.7	59.1	60.0	61.8	61.9	56.6	57.5	57.3	58.6
HI.....	11.5	10.1	10.0	10.4	10.6	9.9	9.6	9.2	9.2	9.5
ID.....	13.2	12.1	12.1	12.2	12.4	12.5	11.6	11.6	12.2	12.3
IL.....	135.6	117.0	114.3	116.1	119.1	116.7	108.1	102.0	101.0	102.3
IN.....	73.1	63.3	59.8	60.4	64.0	63.6	59.4	56.9	54.5	56.8
IA.....	43.4	36.1	34.3	34.6	35.2	34.3	31.8	29.5	29.5	30.9
KS.....	30.9	26.0	25.6	26.9	27.0	26.8	25.1	24.5	24.3	25.2
KY.....	41.2	38.0	37.3	36.9	39.5	38.9	38.7	34.8	33.1	34.1
LA.....	46.3	39.7	40.0	39.1	39.1	37.2	35.9	34.6	33.1	33.6
ME.....	15.4	13.9	13.0	13.7	13.8	13.9	13.3	12.5	12.2	12.3
MD.....	54.3	48.3	46.7	46.1	47.2	45.8	41.6	39.2	38.4	38.7
MA.....	73.8	63.4	60.4	61.0	59.5	54.9	55.0	49.0	48.0	46.3
MI.....	124.3	105.9	101.0	102.7	106.2	101.8	93.0	88.1	86.5	86.0
MN.....	64.9	53.4	52.0	53.5	54.6	53.1	48.5	46.6	47.0	48.5
MS.....	27.6	25.3	25.1	26.2	27.9	24.2	25.0	23.5	23.0	23.2
MO.....	62.3	51.3	49.2	50.8	51.3	52.0	48.5	46.5	46.1	46.9
MT.....	12.1	10.0	9.8	10.1	10.3	10.5	9.4	9.0	9.1	9.2
NE.....	22.4	18.0	17.8	18.1	18.3	18.7	18.6	16.5	16.8	17.4
NV.....	8.5	8.6	8.8	9.5	9.4	9.5	9.5	9.3	9.6	9.9
NH.....	11.7	11.1	10.6	10.8	11.7	11.3	10.4	9.7	9.7	9.4
NJ.....	94.6	81.5	78.8	79.4	80.9	76.3	68.4	64.7	63.0	62.1
NM.....	18.4	15.6	15.5	15.7	15.9	15.5	14.9	14.8	15.1	15.4
NY.....	204.1	166.8	162.2	163.8	165.4	154.6	142.4	132.6	130.2	131.6
NC.....	70.9	67.2	65.9	65.4	67.8	69.3	64.5	62.2	60.1	60.7
ND.....	9.9	8.1	7.6	7.8	8.4	8.1	7.7	7.6	7.4	7.5
OH.....	144.2	122.3	119.6	121.1	124.5	125.0	114.5	107.7	104.6	107.1
OK.....	39.3	34.6	34.5	35.5	36.1	36.8	35.6	32.8	32.3	30.3
OR.....	29.9	26.9	26.3	27.2	28.1	26.9	25.6	24.5	25.0	25.5
PA.....	146.5	127.2	122.9	121.2	124.4	118.9	109.6	103.9	100.6	101.7
RI.....	10.9	9.2	8.9	8.8	8.9	8.6	7.7	7.5	7.5	7.3
SC.....	38.7	34.5	34.5	36.0	36.1	37.0	34.6	33.4	32.6	33.1
SD.....	10.7	8.2	7.9	8.1	8.4	8.2	7.7	7.3	7.3	7.7
TN.....	49.8	43.3	43.3	44.7	47.9	48.6	47.5	43.7	43.5	43.7
TX.....	171.4	159.2	161.2	168.4	171.4	177.0	182.1	169.7	169.9	174.7
UT.....	20.0	19.9	19.8	20.9	22.2	22.9	22.5	23.3	24.2	24.9
VT.....	6.7	5.8	5.8	6.0	6.2	6.0	5.7	5.2	5.2	5.2
VA.....	66.6	61.0	63.1	65.0	65.7	65.0	61.3	57.7	57.0	56.5
WA.....	50.4	45.4	45.8	49.9	51.8	49.4	46.9	44.7	45.3	46.3
WV.....	23.4	22.3	21.9	22.4	22.4	22.9	21.9	21.3	20.6	20.3
WI.....	69.3	58.9	58.3	56.9	58.4	55.0	50.2	49.3	50.0	50.0
WY.....	6.1	5.7	5.6	5.9	6.1	6.1	5.8	5.6	5.6	5.7

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 2002*, annual.

**No. 257. General Educational Development (GED) Credentials Issued, by Age: 1974 to 1989**

[In percent, except number issued]

YEAR	GED'S issued (1,000)	PERCENT DISTRIBUTION BY AGE OF TEST TAKER				
		Under 19 years old	20 to 24 years old	25 to 29 years old	30 to 34 years old	35 years old or over
1974 .....	294	35	27	13	9	17
1975 .....	340	33	26	14	9	18
1979 .....	426	37	28	12	13	11
1980 .....	479	37	27	13	8	15
1981 .....	489	37	27	13	8	14
1982 .....	486	37	28	13	8	15
1983 .....	465	34	29	14	8	15
1984 .....	427	32	28	15	9	16
1985 .....	413	32	26	15	10	16
1986 .....	428	32	26	15	10	17
1987 .....	444	33	24	15	10	18
1988 .....	410	35	22	14	10	18
1989 .....	357	36	22	14	10	17

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1991.

**No. 258. College Enrollment and Percent of High School Graduates Enrolled in or Completed 1 or More Years of College, by Sex, Race, and Hispanic Origin:  
1960 to 1991**

[As of October, except as noted. Covers civilian noninstitutional population 14 to 24 years old, except as noted]

ITEM AND YEAR	ALL PERSONS			MALE		FEMALE				
	Total <sup>1</sup>	White	Black	Hispanic origin <sup>2</sup>	White	Black	Hispanic origin <sup>2</sup>	White	Black	Hispanic origin <sup>2</sup>
College enrollment (1,000): 1960 <sup>3</sup>	2,279	2,138	4141	(NA)	1,297	468	(NA)	841	473	(NA)
1970	6,065	5,535	437	(NA)	3,213	202	(NA)	2,322	236	(NA)
1975	7,228	6,368	699	308	3,437	308	148	2,931	392	160
1980	7,475	6,546	718	325	3,303	292	156	3,243	426	168
1982	7,932	6,810	789	363	3,403	340	147	3,405	448	206
1983	7,737	6,677	772	366	3,422	343	162	3,256	430	205
1984	7,844	6,735	826	367	3,479	383	156	3,256	443	210
1985	7,799	6,729	755	391	3,374	355	178	3,357	400	211
1986	7,613	6,426	820	455	3,206	350	230	3,221	471	226
1987	7,932	6,677	855	463	3,386	390	250	3,289	464	213
1988	7,973	6,796	785	463	3,310	303	237	3,486	482	228
1989	7,987	6,778	867	470	3,286	332	216	3,493	535	255
1990	8,142	6,767	929	448	3,355	442	226	3,413	486	222
1991	8,304	6,917	846	526	3,311	382	216	3,607	461	310
Percent of high school graduates enrolled: 1960 <sup>3</sup>	23.8	24.3	418.7	(NA)	31.1	421.1	(NA)	18.1	416.9	(NA)
1970	33.3	33.9	26.7	(NA)	42.9	29.5	(NA)	26.3	24.7	(NA)
1975	33.1	33.0	32.5	36.2	36.9	33.4	37.9	29.4	32.0	34.8
1980	32.3	32.5	28.3	30.3	34.3	27.0	31.2	30.9	29.2	29.4
1982	33.5	33.6	28.2	30.1	34.9	28.6	28.0	32.3	27.9	31.8
1983	33.1	33.5	27.7	32.3	35.9	27.9	33.1	31.3	27.5	31.8
1984	33.7	34.2	28.0	30.0	36.8	29.6	28.2	31.8	26.8	31.5
1985	34.3	35.0	26.5	27.5	36.6	28.2	26.4	33.6	25.1	28.4
1986	32.9	33.0	28.7	30.6	35.1	28.5	33.6	31.1	28.8	28.2
1987	36.9	37.1	30.6	28.7	39.2	32.3	31.1	35.2	29.4	26.4
1988	37.6	38.4	28.6	31.3	39.6	25.1	32.2	37.3	31.3	30.5
1989	38.5	39.1	31.5	29.4	39.7	27.5	28.2	38.6	34.7	30.5
1990	39.6	39.8	33.7	29.4	40.7	35.1	29.4	38.9	32.4	29.5
1991	41.4	42.0	31.8	34.6	41.9	32.2	29.7	42.1	31.4	39.2
Percent of high school graduates enrolled in college or completed 1 or more years of college: 1960 <sup>3</sup>	40.4	41.0	432.5	(NA)	47.1	433.5	(NA)	35.6	413.8	(NA)
1970	52.3	53.4	39.4	(NA)	60.9	41.4	(NA)	47.2	39.3	(NA)
1975	52.5	52.7	48.1	50.8	56.6	50.5	55.4	49.1	46.4	46.7
1980	51.1	51.4	45.9	47.3	51.8	44.1	49.5	50.9	47.4	45.4
1982	52.7	53.1	45.5	47.3	53.2	44.5	44.8	52.9	46.3	49.2
1983	52.8	53.4	45.0	48.4	53.5	43.6	47.4	53.4	46.3	49.7
1984	53.0	53.8	45.2	46.0	54.2	45.2	45.7	53.4	45.1	46.6
1985	54.3	55.3	43.8	46.7	55.5	43.6	44.9	55.2	44.0	48.0
1986	55.0	55.5	47.8	45.6	55.1	44.4	44.4	55.8	50.4	46.8
1987	56.5	57.1	48.7	44.2	56.7	48.3	45.1	57.5	48.9	43.2
1988	57.5	58.6	46.6	47.1	57.9	42.8	48.4	59.2	49.6	46.0
1989 <sup>5</sup>	57.9	58.9	49.1	43.6	58.5	45.8	42.7	59.2	51.8	44.5
1990 <sup>5</sup>	58.9	60.1	48.0	44.7	58.7	48.9	46.5	61.4	47.3	43.0
1991 <sup>5</sup>	60.7	62.3	46.1	47.6	59.9	46.1	42.2	64.5	47.0	52.4

NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. <sup>3</sup> As of April. <sup>4</sup> Black and other races. <sup>5</sup> Population 15 to 24 years old.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, *Characteristics of the Population*, part 1; *Current Population Reports*, series P-20, No. 460, and earlier reports; and unpublished data.

**No. 259. Enrollment in Institutions of Higher Education, by Sex, Age, and Attendance Status, 1970 to 1989, and Projections, 1997 and 2002**

[As of fall]

SEX AND RACE	NUMBER (1,000)					PART-TIME						
	1970	1980	1985	1989, est.	1997, proj.	1970	1980	1985	1989, est.	1997, proj.		
<b>Total . . . . .</b>	<b>8,681</b>	<b>12,097</b>	<b>12,247</b>	<b>13,458</b>	<b>14,978</b>	<b>16,030</b>	<b>2,766</b>	<b>4,999</b>	<b>5,172</b>	<b>5,813</b>	<b>6,766</b>	<b>6,995</b>
Male . . . . .	5,044	5,874	5,818	6,155	6,691	7,052	1,540	2,185	2,211	2,428	2,767	2,918
14 to 17 years old . . . . .	130	99	121	71	78	82	5	15	19	13	15	16
18 and 19 years old . . . . .	1,349	1,375	1,230	1,338	1,410	1,525	84	146	122	112	153	176
20 and 21 years old . . . . .	1,095	1,259	1,216	1,183	1,300	1,453	105	154	189	195	229	285
22 to 24 years old . . . . .	964	1,064	1,048	1,084	1,046	1,164	314	377	318	363	367	412
25 to 29 years old . . . . .	783	993	991	1,031	946	871	456	615	596	633	594	546
30 to 34 years old . . . . .	308	576	574	599	586	553	236	447	424	436	429	404
35 years old and over . . . . .	415	507	639	651	1,324	1,405	340	430	542	677	982	979
Female . . . . .	3,537	6,232	6,429	7,302	8,287	9,978	1,225	2,813	2,961	3,403	3,999	4,177
14 to 17 years old . . . . .	129	148	113	101	118	128	12	17	12	13	19	20
18 and 19 years old . . . . .	1,250	1,526	1,370	1,506	1,600	1,806	110	174	156	183	221	266
20 and 21 years old . . . . .	786	1,165	1,166	1,246	1,316	1,602	128	209	218	211	244	300
22 to 24 years old . . . . .	493	925	885	1,098	1,162	1,336	262	438	388	467	466	523
25 to 29 years old . . . . .	291	878	962	1,044	1,089	1,019	212	646	662	726	776	711
30 to 34 years old . . . . .	179	667	687	745	784	771	151	531	527	555	573	552
35 years old and over . . . . .	409	914	1,246	1,563	2,217	2,318	349	799	998	1,244	1,700	1,806

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual.

**No. 260. College Enrollment, by Sex, Age, Race, and Hispanic Origin: 1972 to 1991**

[In thousands. As of October for civilian noninstitutional population, 14 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

SEX, AGE, AND RACE	1972	1975	1980	1983	1984	1985	1986 <sup>1</sup>	1987	1988	1989	1990	1991
Total <sup>2</sup> . . . . .	9,095	10,880	11,387	12,367	12,305	12,524	12,651	12,719	13,116	13,180	13,621	14,057
Male <sup>3</sup> . . . . .	5,218	5,911	5,430	6,038	5,989	5,906	5,957	6,030	5,950	5,950	6,192	6,439
18 to 24 years . . . . .	3,534	3,693	3,604	3,820	3,929	3,749	3,702	3,867	3,770	3,717	3,922	3,954
25 to 34 years . . . . .	1,178	1,521	1,325	1,576	1,492	1,464	1,545	1,421	1,395	1,443	1,412	1,605
35 years old and over . . . . .	365	569	405	535	476	561	628	625	727	716	772	832
Female <sup>3</sup> . . . . .	3,877	4,969	5,957	6,329	6,316	6,618	6,694	6,689	7,166	7,231	7,427	7,618
18 to 24 years . . . . .	2,724	3,243	3,625	3,657	3,662	3,788	3,775	3,826	4,021	4,085	4,042	4,218
25 to 34 years . . . . .	581	947	1,378	1,510	1,522	1,599	1,559	1,564	1,568	1,637	1,749	1,680
35 years old and over . . . . .	418	614	802	1,009	969	1,100	1,240	1,176	1,452	1,396	1,546	1,636
White . . . . .	8,147	9,547	9,926	10,607	10,522	10,782	10,707	10,731	11,140	11,243	11,488	11,686
Male . . . . .	4,723	5,263	4,804	5,187	5,111	5,101	5,074	5,104	5,078	5,136	5,235	5,304
Female . . . . .	3,427	4,285	5,123	5,420	5,410	5,681	5,632	5,627	6,063	6,107	6,253	6,382
Black . . . . .	727	1,099	1,163	1,227	1,274	1,208	1,359	1,351	1,321	1,287	1,393	1,477
Male . . . . .	384	523	476	537	590	518	580	587	494	480	587	629
Female . . . . .	343	577	686	690	684	689	779	764	827	807	807	848
Hispanic origin <sup>4</sup> . . . . .	242	411	443	579	563	665	794	739	747	754	748	830
Male . . . . .	126	218	222	273	248	301	377	390	355	353	364	347
Female . . . . .	117	193	221	306	315	363	417	349	391	401	384	483

<sup>1</sup> Revised. See footnote 2, table 218. <sup>2</sup> Includes other races not shown separately. <sup>3</sup> Includes persons 14 to 17 years old, not shown separately. <sup>4</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 460, and earlier reports; and unpublished data.

**No. 261. College Enrollment, by Selected Characteristics: 1980 to 1988**

[In thousands. As of fall. Totals may differ from other tables because of adjustments to underreported and nonreported racial/ethnic data. Nonresident alien students are not distributed among racial/ethnic groups. Minus sign (-) indicates decrease]

CHARACTERISTIC	1980	1984	1988	Percent change 1980-1988	CHARACTERISTIC	1980	1984	1988	Percent change 1980-1988
Total . . . . .	12,086.8	12,233.1	13,043.1	7.9	2-year . . . . .	255.1	288.8	383.9	50.5
Male . . . . .	5,868.1	5,858.3	5,998.2	2.2	4-year . . . . .	216.6	246.1	296.0	36.7
Female . . . . .	6,218.7	6,374.7	7,044.9	13.3	Undergraduate . . . . .	433.1	495.2	631.2	45.7
Public . . . . .	9,456.4	9,456.4	10,156.4	7.4	Graduate . . . . .	32.1	31.7	39.5	23.1
Private . . . . .	2,630.4	2,776.6	2,886.7	9.7	Professional . . . . .	6.5	8.0	9.3	43.1
2-year . . . . .	4,521.4	4,526.9	4,868.1	7.7	American Indian <sup>1</sup> . . . . .	83.9	83.6	92.5	10.3
4-year . . . . .	7,565.4	7,706.1	8,175.0	8.1	Male . . . . .	37.8	37.4	39.1	3.4
Undergraduate . . . . .	10,469.0	10,610.8	11,304.2	8.0	Female . . . . .	46.1	46.1	53.4	15.8
Graduate . . . . .	1,340.9	1,343.7	1,471.9	9.8	Public . . . . .	74.2	72.1	91.1	22.8
Professional . . . . .	276.8	278.5	267.1	-3.5	Private . . . . .	9.7	11.4	11.5	18.6
White <sup>1</sup> . . . . .	9,833.0	9,814.7	10,283.2	4.6	2-year . . . . .	47.0	45.5	50.4	7.2
Male . . . . .	4,772.9	4,689.9	4,711.6	-1.3	4-year . . . . .	36.9	38.1	42.1	14.1
Female . . . . .	5,060.1	5,124.7	5,571.6	10.1	Undergraduate . . . . .	77.9	77.8	85.9	10.3
Public . . . . .	7,656.1	7,542.4	7,963.8	4.0	Graduate . . . . .	5.2	4.8	5.6	7.7
Private . . . . .	2,176.9	2,272.3	2,319.4	6.5	Professional . . . . .	0.8	1.0	1.1	37.5
2-year . . . . .	3,558.5	3,514.3	3,701.5	4.0	Asian <sup>1</sup> . . . . .	286.4	389.5	496.7	73.4
4-year . . . . .	6,274.5	6,300.4	6,581.6	4.9	Male . . . . .	151.3	210.0	259.2	71.3
Undergraduate . . . . .	8,480.7	8,484.0	8,906.7	5.0	Female . . . . .	135.2	179.5	237.5	75.7
Graduate . . . . .	1,104.7	1,087.3	1,153.2	4.4	Public . . . . .	239.7	322.7	405.7	69.3
Professional . . . . .	247.7	243.4	223.2	-9.9	Private . . . . .	46.7	66.8	91.0	94.9
Black <sup>1</sup> . . . . .	1,106.8	1,075.8	1,129.6	2.1	2-year . . . . .	124.3	167.1	199.3	60.3
Male . . . . .	463.7	436.8	442.7	-4.5	4-year . . . . .	162.1	222.4	297.4	83.5
Female . . . . .	643.0	639.0	686.9	6.8	Undergraduate . . . . .	248.7	343.0	436.6	75.6
Public . . . . .	876.1	844.0	881.1	0.6	Graduate . . . . .	31.6	37.1	45.7	44.6
Private . . . . .	230.7	231.8	248.5	7.7	Professional . . . . .	6.1	9.3	14.4	136.1
2-year . . . . .	472.5	458.7	473.3	0.2	Nonresident alien . . . . .	305.0	334.6	361.2	18.4
4-year . . . . .	634.3	617.0	656.3	3.5	Male . . . . .	210.8	230.4	235.3	11.6
Undergraduate . . . . .	1,018.8	994.9	1,038.8	2.0	Female . . . . .	94.2	104.1	125.9	33.7
Graduate . . . . .	75.1	67.4	76.5	1.9	Public . . . . .	204.1	219.0	237.8	16.5
Professional . . . . .	12.8	13.4	14.3	11.7	Private . . . . .	100.8	115.5	123.3	22.3
Hispanic . . . . .	471.7	534.9	680.0	44.2	2-year . . . . .	64.1	52.5	59.6	-7.0
Male . . . . .	291.6	253.8	310.3	34.0	4-year . . . . .	240.9	282.1	301.5	25.2
Female . . . . .	240.1	281.2	369.6	53.9	Undergraduate . . . . .	209.9	215.8	205.0	-2.3
Public . . . . .	406.2	456.1	586.9	44.5	Graduate . . . . .	92.2	115.3	151.4	64.2
Private . . . . .	65.5	78.9	93.1	42.1	Professional . . . . .	2.9	3.4	4.7	62.1

<sup>1</sup> Non-Hispanic.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1990.

## No. 262. Higher Education—Summary: 1970 to 1989

[Institutions, staff, and enrollment as of fall; Finances for fiscal year ending in the following year. Covers universities, colleges, professional schools, junior and teachers colleges, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. See also appendix III, and *Historical Statistics, Colonial Times to 1970*, series H 680, H 699-705, and H 710.]

ITEM	Unit	1970	1980	1983	1984	1985	1986	1987	1988	1989 <sup>1</sup>
<b>Institutions<sup>2</sup></b>										
Number	Number	2,556	3,231	3,284	3,331	3,340	3,406	3,587	3,565	3,535
4-year	Number	1,665	1,957	2,013	2,025	2,029	2,070	2,135	2,129	2,127
2-year	Number	891	1,274	1,271	1,306	1,311	1,336	1,452	1,436	1,408
<b>Instructional staff</b>										
1,000	Percent	474	686	724	717	715	722	793	804	824
Percent full-time	Percent	78	66	65	64	64	64	(NA)	66	64
<b>Total enrollment<sup>4</sup></b>										
1,000	1,000	8,581	12,097	12,465	12,242	12,247	12,504	12,767	13,055	13,458
Male	Male	5,044	5,674	6,024	5,864	5,818	5,885	5,932	6,002	6,155
Female	Female	3,537	6,223	6,441	6,378	6,429	6,619	6,835	7,053	7,302
4-year institutions	1,000	6,262	7,571	7,741	7,711	7,716	7,824	7,990	8,180	8,374
2-year institutions	1,000	2,319	4,526	4,723	4,531	4,531	4,680	4,776	4,875	5,083
Full time	1,000	5,815	7,098	7,261	7,098	7,075	7,120	7,231	7,437	7,627
Part time	1,000	2,766	4,999	5,204	5,144	5,172	5,384	5,536	5,619	5,831
Public	1,000	6,428	9,457	9,683	9,477	9,479	9,714	9,973	10,161	10,515
Private	1,000	2,153	2,640	2,782	2,765	2,768	2,790	2,793	2,894	2,943
<b>Undergraduate<sup>5</sup></b>										
1,000	1,000	7,376	10,475	10,846	10,618	10,597	10,798	11,046	11,317	11,666
Men	1,000	4,254	5,000	5,158	5,007	4,962	5,018	5,068	5,138	5,278
Women	1,000	3,122	5,475	5,688	5,611	5,635	5,780	5,978	6,179	6,388
First-time freshmen	1,000	2,063	2,588	2,444	2,357	2,292	2,219	2,246	2,379	2,353
First professional	1,000	173	278	279	279	274	270	268	267	274
Men	1,000	159	199	188	185	180	174	170	167	168
Women	1,000	15	78	90	94	94	97	98	100	105
Graduate <sup>5</sup>	1,000	1,031	1,343	1,340	1,345	1,376	1,435	1,452	1,472	1,518
Men	1,000	630	675	677	672	677	693	693	697	709
Women	1,000	400	670	663	673	700	742	759	774	809
<b>Current funds revenues<sup>6</sup></b>	Mil. dol.	23,879	65,585	84,417	92,473	100,438	108,810	117,340	128,502	139,635
Tuition and fees	Mil. dol.	5,021	13,773	19,715	21,283	23,117	25,706	27,837	30,807	33,926
Federal government	Mil. dol.	3,198	9,748	10,406	11,509	12,705	13,904	14,772	15,894	17,255
State government	Mil. dol.	6,595	20,106	24,707	27,583	29,912	31,309	33,517	36,031	38,349
Auxiliary enterprises	Mil. dol.	3,125	7,287	9,456	10,100	10,674	11,364	11,948	12,856	13,938
Plant funds <sup>7</sup>	Mil. dol.	(NA)	4,774	6,238	6,737	7,713	(NA)	(NA)	(NA)	(NA)
Increase in fund balance <sup>8</sup>	Mil. dol.	498	2,793	2,410	4,653	7,239	(NA)	(NA)	(NA)	(NA)
<b>Current funds expenditures<sup>6</sup></b>	Mil. dol.	23,375	64,053	81,993	89,951	97,536	105,764	113,786	123,867	134,656
Educational and general <sup>9</sup>	Mil. dol.	17,616	50,074	63,741	70,061	76,128	82,956	89,157	96,803	105,585
Auxiliary enterprises <sup>10</sup>	Mil. dol.	2,988	7,288	9,250	10,012	10,528	11,037	11,400	12,280	13,204
Gross addition to plant value	Mil. dol.	4,165	6,471	7,604	8,306	10,149	(NA)	(NA)	(NA)	(NA)
Value of plant	Mil. dol.	46,054	88,761	107,640	114,764	122,261	(NA)	(NA)	(NA)	(NA)
Endowment (book value)	Mil. dol.	11,341	20,941	29,502	33,399	38,698	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Preliminary. <sup>2</sup> Beginning 1980, number of institutions includes count of branch campuses. Due to revised survey procedures, data beginning 1987 are not comparable with previous years. <sup>3</sup> Due to revised survey methods, data not comparable with previous years. <sup>4</sup> Beginning 1980, branch campuses counted according to actual status, e.g., 2-year branch in 2-year category; previously a 2-year branch included in university category. <sup>5</sup> Includes unclassified students. (Students taking courses for credit, but are not candidates for degrees.) <sup>6</sup> Includes items not shown separately. <sup>7</sup> Annual net increase in plant funds. <sup>8</sup> Includes endowment, and, beginning 1980, annuity and student loans. <sup>9</sup> Data for 1970 are not strictly comparable with later years. <sup>10</sup> Includes activities.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and unpublished data.

## No. 263. Junior (2-Year) Colleges—Summary: 1970 to 1989

[Institutions and their enrollment as of fall; financial data for fiscal year ending in the following year. Prior to 1975, excludes 2-year branches of universities and other 4-year institutions. Beginning 1980, includes schools accredited by the National Association of Trade and Technical Schools. See *Historical Statistics, Colonial Times to 1970*, series H 690-692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	Unit	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989 <sup>1</sup>
<b>Institutions<sup>2</sup></b>											
Number	Number	891	1,128	1,274	1,271	1,306	1,311	1,336	1,452	1,436	1,408
Public	Number	654	697	945	916	935	932	960	992	984	968
Private	Number	237	231	329	355	371	379	376	460	452	440
<b>Enrollment</b>											
1,000	1,000	2,223	3,970	4,526	4,723	4,531	4,531	4,680	4,776	4,875	5,083
Public	1,000	2,102	3,836	4,329	4,459	4,279	4,270	4,414	4,541	4,615	4,821
Private	1,000	121	134	198	264	252	261	266	235	260	263
Male	1,000	1,317	2,165	2,047	2,131	2,016	2,002	2,061	2,073	2,090	2,187
Female	1,000	906	1,805	2,479	2,592	2,514	2,529	2,619	2,704	2,785	2,896
<b>Current funds revenue<sup>3</sup></b>	Mil. dol.	2,504	5,304	8,505	10,590	11,449	12,293	13,136	14,060	15,387	(NA)
Tuition and fees	Mil. dol.	413	896	1,618	2,316	2,469	2,618	2,844	3,057	3,376	(NA)
State government	Mil. dol.	926	2,248	3,961	4,773	5,189	5,659	5,982	6,350	6,898	(NA)
Local government	Mil. dol.	701	1,187	1,623	1,706	1,860	2,027	2,200	2,352	2,662	(NA)
<b>Current funds expenditures</b>	Mil. dol.	2,327	5,092	8,212	10,314	11,207	11,976	12,779	13,644	14,726	(NA)
Education and general <sup>4</sup>	Mil. dol.	2,073	4,736	7,608	9,530	10,374	11,118	11,875	12,701	13,676	(NA)
Instruction	Mil. dol.	1,205	2,401	3,764	4,715	5,075	5,398	5,729	6,082	6,617	(NA)

NA Not available. <sup>1</sup> Preliminary. <sup>2</sup> See footnote 2, table 262. <sup>3</sup> Includes items not shown separately. <sup>4</sup> Includes mandatory transfers.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Financial Statistics of Institutions of Higher Education*, annual.

**No. 264. Institutions of Higher Education—Number, 1990, and Enrollment 1980 and 1990,  
and by Selected Characteristics, 1990—States and Other Areas**

[Number of institutions for academic year beginning 1990. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses for credit by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III.]

STATE OR OTHER AREA	Total enroll- ment, 1980 (1,000)	1990											
		Num- ber of insti- tu- tions <sup>1</sup>	Enrollment (1,000)										Foreign
			Total	Male	Female	Public	Private	Full- time	White <sup>2</sup>	Minority enrollment			
U.S. ....	12,097	3,559	13,710	6,239	7,472	10,741	2,969	7,780	10,675	2,639	1,223	758	397
Northeast. ....													
N.E. ....	2,587	859	2,782	1,245	1,537	1,644	1,138	1,680	2,223	454	221	126	105
ME. ....	766	256	819	364	455	431	368	492	799	79	32	21	31
NH. ....	43	31	57	24	33	42	16	32	55	1	(Z)	(Z)	1
VT. ....	47	28	60	27	32	32	27	37	57	2	(Z)	(Z)	1
MA. ....	31	22	36	16	21	21	15	25	34	2	(Z)	(Z)	1
RI. ....	67	12	78	36	43	42	36	50	70	6	3	2	2
CT. ....	160	47	169	73	95	109	59	85	143	20	10	6	5
M.A. ....	1,822	603	1,963	881	1,082	1,213	750	1,189	1,514	375	189	105	74
NY. ....	992	324	1,025	458	577	608	428	645	749	239	112	75	47
NJ. ....	322	59	324	145	178	262	62	163	242	70	33	22	12
PA. ....	508	220	604	278	326	343	261	381	523	66	44	8	15
Midwest. ....	3,044	917	3,499	1,600	1,899	2,763	736	2,013	2,974	438	258	85	84
E.N.C. ....	2,169	562	2,437	1,117	1,320	1,941	496	1,366	2,020	359	217	72	56
OH. ....	489	154	555	260	295	426	129	338	481	60	45	5	14
IN. ....	247	80	283	134	149	223	60	183	251	24	15	4	7
IL. ....	644	170	729	331	398	551	178	365	541	173	89	49	15
MI. ....	520	97	570	256	314	487	82	289	476	80	57	9	14
WI. ....	269	61	300	136	164	254	46	191	271	22	11	5	6
W.N.C. ....	875	355	1,062	483	579	822	240	647	954	79	41	13	28
MN. ....	207	78	254	114	139	199	55	153	235	13	4	2	5
IA. ....	140	58	171	80	91	118	53	120	155	9	4	2	7
MO. ....	234	93	289	131	159	200	89	163	251	32	23	3	7
ND. ....	34	20	38	19	19	35	3	30	34	2	(Z)	(Z)	1
SD. ....	33	19	34	15	19	27	8	24	31	2	(Z)	(Z)	1
NE. ....	90	34	113	51	62	95	18	63	105	6	3	2	2
KS. ....	137	53	163	73	90	149	14	94	143	15	7	4	5
South. ....	3,437	1,153	4,219	1,896	2,323	3,504	715	2,512	3,178	939	589	235	103
S.A. ....	1,724	580	2,123	946	1,177	1,686	436	1,216	1,611	457	322	78	55
DE. ....	33	10	42	18	24	34	8	25	35	6	5	1	1
MD. ....	226	57	260	113	147	222	39	121	191	61	44	5	8
DC. ....	87	17	81	38	43	13	68	50	41	31	25	2	9
VA. ....	281	83	353	158	195	291	62	196	281	67	50	5	6
WV. ....	82	28	85	38	47	74	11	58	79	4	3	(Z)	2
NC. ....	288	125	352	155	197	285	67	223	274	73	62	3	5
SC. ....	132	64	159	69	90	131	28	109	123	34	31	1	2
GA. ....	184	95	252	115	137	196	55	167	189	57	49	3	6
FL. ....	412	101	538	242	296	440	99	267	398	124	53	58	16
E.S.C. ....	614	282	745	330	414	627	117	503	603	129	118	3	13
KY. ....	143	62	178	75	103	147	31	114	163	13	10	1	2
TN. ....	205	87	226	103	123	175	51	147	187	35	31	1	4
AL. ....	164	87	218	99	119	196	22	149	167	46	43	1	5
MS. ....	102	46	123	53	69	109	14	93	86	35	34	(Z)	2
W.S.C. ....	1,099	291	1,352	620	731	1,190	161	793	964	353	149	154	35
AR. ....	78	35	90	39	52	79	12	65	75	14	12	(Z)	1
LA. ....	160	36	187	81	106	158	28	134	130	52	45	3	5
OK. ....	160	48	173	80	93	151	22	103	141	27	12	3	5
TX. ....	701	172	901	421	481	802	99	492	618	260	80	148	24
West. ....	2,978	621	3,163	1,457	1,706	2,783	380	1,528	2,261	798	148	312	109
Mt. ....	658	186	880	411	469	784	95	458	720	139	21	78	22
MT. ....	35	19	36	17	19	32	4	26	32	3	(Z)	(Z)	1
ID. ....	43	11	52	24	28	41	11	35	48	3	(Z)	1	1
WY. ....	21	9	31	14	18	31	1	17	29	2	(Z)	1	1
CO. ....	163	57	227	106	121	201	26	121	191	31	7	17	5
NM. ....	58	28	86	38	48	83	2	45	53	32	2	24	5
AZ. ....	203	38	265	123	142	249	16	116	206	52	8	30	7
UT. ....	94	15	121	62	59	86	35	78	110	6	1	2	5
NV. ....	41	9	62	27	35	61	(Z)	18	51	10	3	3	1
Pac. ....	2,321	435	2,284	1,046	1,237	1,998	285	1,072	1,541	659	127	234	87
WA. ....	304	57	263	116	147	228	36	150	225	33	7	6	4
OR. ....	157	46	167	79	88	145	21	95	146	13	2	3	8
CA. ....	1,791	310	1,770	814	956	1,555	215	785	1,130	574	115	223	66
AK. ....	21	7	30	12	18	28	2	11	24	5	1	1	5
HI. ....	47	15	54	25	29	43	11	31	16	34	2	1	4
U.S. military <sup>4</sup> . ....	50	9	47	41	7	47	-	47	40	8	6	1	(Z)
Other:													
American Samoa. ....	1	1	1	1	1	1	-	1	(Z)	1	(Z)	(Z)	(Z)
Guam. ....	3	2	5	2	2	5	-	2	(Z)	4	(Z)	(Z)	(Z)
No. Marianas. ....	-	1	-	(Z)	(Z)	1	-	1	(Z)	(Z)	(Z)	(Z)	(Z)
Puerto Rico. ....	131	58	151	58	93	56	95	119	(Z)	151	(Z)	151	(Z)
Virgin Islands. ....	2	2	2	1	2	2	-	1	(Z)	2	2	(Z)	(Z)

<sup>1</sup> Represents zero. <sup>2</sup> Less than 500 or 50. <sup>3</sup> Branch campuses counted as separate institutions. <sup>4</sup> Non-Hispanic.

<sup>3</sup> Includes other races not shown separately. <sup>4</sup> Military academies.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

# Higher Education Price Indexes—Finances

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## No. 265. Higher Education Price Indexes: 1965 to 1989

[1983 = 100. For years ending June 30. Reflects prices paid by colleges and universities]

YEAR	Index, total	Average annual percent change <sup>1</sup>	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Profes- sional salaries	Nonpro- fessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equip- ment	Library acquisi- tions	Utilities
1965 ..	29.8	4.1	30.5	34.9	31.0	13.0	27.6	35.8	33.8	36.0	19.3	15.7
1970 ..	39.5	6.7	42.1	47.7	38.8	24.7	31.9	42.8	37.6	41.9	25.7	16.3
1971 ..	42.1	6.4	44.8	50.1	41.8	28.0	34.1	45.1	39.0	43.5	30.8	18.0
1972 ..	44.3	5.3	47.1	52.0	44.9	31.1	36.0	47.8	39.8	45.1	34.9	19.2
1973 ..	46.7	5.3	49.8	54.3	47.6	34.7	37.6	49.9	41.1	46.5	37.7	20.2
1974 ..	49.9	6.9	52.8	57.2	50.6	38.6	41.4	52.2	46.5	49.4	41.6	24.8
1975 ..	54.3	8.8	56.3	60.3	54.6	42.9	48.5	56.8	58.0	58.3	46.7	31.8
1976 ..	57.9	8.7	60.0	63.5	59.0	47.8	51.8	60.0	60.7	61.7	53.7	34.4
1977 ..	61.7	6.6	63.5	66.4	63.1	52.8	56.1	63.5	63.8	64.8	58.6	40.5
1978 ..	65.8	6.6	67.6	69.9	68.1	58.4	60.4	67.0	66.6	69.3	64.3	45.9
1979 ..	70.6	7.3	72.4	74.1	73.4	64.5	65.2	71.0	71.7	74.7	71.4	50.3
1980 ..	77.5	9.8	78.4	79.4	80.2	72.6	75.0	76.5	84.6	81.6	79.5	64.1
1981 ..	85.9	10.8	85.8	86.3	87.7	81.8	86.2	85.3	95.6	89.6	89.3	79.7
1982 ..	94.0	9.4	93.5	93.7	94.6	91.5	95.3	94.8	100.4	96.4	95.5	92.4
1983 ..	100.0	6.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1984 ..	104.7	4.7	105.4	104.7	105.2	108.3	102.8	104.7	103.1	102.2	103.8	100.8
1985 ..	110.5	5.5	112.0	111.4	109.1	117.7	106.1	109.2	105.4	104.8	108.5	103.0
1986 ..	115.6	4.6	118.8	118.2	113.0	127.7	106.2	114.3	104.2	106.9	117.2	95.5
1987 ..	120.3	4.1	125.4	125.0	116.4	137.5	105.2	117.8	103.5	108.8	129.9	84.4
1988 ..	125.8	4.5	131.6	130.9	120.4	147.2	108.4	122.1	107.9	110.9	138.7	84.4
1989 ..	133.1	5.8	139.5	138.7	125.2	159.0	114.0	129.0	116.9	115.8	149.9	85.2

<sup>1</sup> Change from immediate prior year.

Source: Research Associates of Washington, Washington, DC, *Inflation Measures for Schools and Colleges*, annual.

## No. 266. Institutions of Higher Education—Finances: 1975 to 1990

[In millions of dollars. For fiscal years ending in year shown. For coverage, see headnote, table 262. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729-738 and H 747-749]

ITEM	1975	1980	1985	1986	1987	1988	1989	1990		
								Total	Public	Private
<b>Current funds revenues</b> .....	<b>35,364</b>	<b>56,520</b>	<b>92,473</b>	<b>100,438</b>	<b>108,810</b>	<b>117,340</b>	<b>128,502</b>	<b>139,635</b>	<b>88,811</b>	<b>50,724</b>
Tuition and fees .....	7,233	11,930	21,283	23,117	25,706	27,837	30,807	33,926	13,820	20,106
Federal government .....	4,692	8,902	11,509	12,705	13,904	14,772	15,894	17,255	9,171	8,083
State government .....	10,857	18,378	27,583	29,912	31,309	33,517	36,031	38,349	37,052	1,297
Local government .....	1,424	1,588	2,387	2,545	2,799	3,006	3,364	3,640	3,264	376
Endowment earnings .....	718	1,177	2,096	2,276	2,378	2,586	2,914	3,144	462	2,682
Private gifts, grants, and contracts .....	1,745	2,808	4,896	5,411	5,953	6,359	7,061	7,781	3,369	4,413
Educational activities <sup>2</sup> .....	555	1,239	2,127	2,373	2,642	2,918	3,316	3,632	2,424	1,208
Auxiliary enterprises <sup>3</sup> .....	4,066	6,481	10,100	10,674	11,364	11,948	12,856	13,938	8,473	5,465
Other funds revenues <sup>3</sup> .....	4,073	6,015	10,490	11,426	12,755	14,397	16,260	17,970	10,875	7,094
<b>Current funds expenditures<sup>4</sup></b> .....	<b>34,735</b>	<b>56,914</b>	<b>89,851</b>	<b>97,536</b>	<b>105,764</b>	<b>113,796</b>	<b>123,867</b>	<b>134,656</b>	<b>85,771</b>	<b>48,885</b>
Educational and general .....	27,250	44,543	70,061	76,128	82,956	89,157	96,803	105,585	69,164	36,421
Instruction .....	11,720	18,497	28,777	31,032	33,711	35,834	38,813	42,146	29,257	12,889
Institutional support .....	2,964	5,054	8,568	9,351	10,085	10,774	11,526	12,674	7,490	5,184
Research .....	3,126	5,099	7,552	8,437	9,352	10,351	11,432	12,506	8,542	3,964
Plant operation <sup>5</sup> .....	2,738	4,700	7,345	7,605	7,819	8,231	8,740	9,458	6,334	3,125
Academic support .....	2,240	3,876	6,075	6,667	7,575	8,142	8,904	9,438	6,535	2,903
Libraries .....	998	1,624	2,382	2,551	2,441	2,836	3,010	3,254	2,103	1,152
Student services .....	1,404	2,567	4,178	4,563	4,976	5,397	5,781	6,388	4,021	2,367
Scholarships and fellowships .....	1,429	2,200	3,870	4,160	4,776	5,325	5,919	6,656	2,386	4,269
Unrestricted funds .....	611	905	1,962	2,285	2,645	2,941	3,283	3,854	1,099	2,754
Restricted funds .....	818	1,296	1,709	1,875	2,131	2,384	2,636	2,802	1,287	1,515
Public service .....	1,098	1,817	2,861	3,120	3,448	3,786	4,227	4,690	3,689	1,001
Mandatory transfers .....	532	732	1,016	1,192	1,212	1,318	1,458	1,630	909	721
Auxiliary enterprises <sup>4</sup> .....	4,059	6,486	10,012	10,528	11,037	11,400	12,280	13,204	8,282	4,922
Hospitals <sup>4</sup> .....	2,341	4,757	8,011	8,692	9,173	10,406	11,825	12,679	8,114	4,565
Independent operations <sup>4</sup> .....	1,086	1,128	1,868	2,187	2,598	2,823	2,959	3,187	210	2,977

<sup>1</sup> Private grants represent nongovernmental revenue for sponsored research and other sponsored programs; includes private contracts. <sup>2</sup> Sales and service of educational departments only. <sup>3</sup> Includes sales and services of hospitals, federally funded research and development centers, and other sources. <sup>4</sup> Includes mandatory transfers which are primarily current expenditures for plant. <sup>5</sup> Includes maintenance.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

**No. 267. Major Federal Student Financial Assistance Programs—Number of Recipients and Funds Utilized, by Type of Program: 1970 to 1992**

[For award years July 1 of year shown to the following June 30, except as indicated. Funds utilized exclude operating costs, etc., and represent funds given to students]

PROGRAM	Unit	1970	1980	1985	1987	1988, est.	1989, est.	1990, est.	1991, est.	1992, est.
Pell Grants:										
Number of recipients . . .	1,000...	(X)	2,858	2,910	3,002	3,341	3,473	3,276	3,421	3,017
Funds utilized . . .	Mil. dol.	(X)	2,387	3,572	3,746	4,471	4,768	4,712	5,077	5,760
Average grant . . .	Dollars..	(X)	835	1,227	1,248	1,338	1,373	1,438	1,484	1,909
Supplemental Educational Opportunity Grants:										
Number of recipients . . .	1,000...	253.4	716.5	686.0	635.3	678.8	727.6	728.0	835.0	899.0
Funds utilized . . .	Mil. dol.	134	368	410	419	423	466	488	584	643
Average grant . . .	Dollars..	527	513	598	659	622	641	670	700	715
Perkins Loans:										
Number of recipients . . .	1,000...	452.0	813.4	700.9	673.5	692.0	695.9	660.0	688.0	566.0
Loan funds utilized <sup>3</sup> . . .	Mil. dol.	241	694	703	805	874	903	824	860	707
Average loan . . .	Dollars..	532	853	1,003	1,195	1,263	1,297	1,250	1,250	1,250
Loans in default <sup>4</sup> . . .	Mil. dol.	612.0	690.0	771.0	736.0	741.0	727.5	(NA)	(NA)	(NA)
Default rate . . .	Percent	(NA)	11.6	8.3	8.2	7.2	6.8	6.2	(NA)	(NA)
College Work-Study:										
Number of recipients . . .	1,000...	425.0	819.1	728.4	686.5	672.7	676.7	841.0	827.0	752.0
Funds utilized . . .	Mil. dol.	200	660	656	635	625	664	791	782	710
Average annual earnings	Dollars..	470	806	901	926	930	980	940	945	945
Stafford Loans: <sup>5</sup>										
Number of loans . . .	1,000...	1,017	2,904	3,730	4,381	4,584	4,558	3,978	3,958	4,140
Loan funds utilized <sup>6</sup> . . .	Mil. dol.	1,015	6,200	8,839	11,385	11,965	12,166	10,871	10,979	11,700
Average loan . . .	Dollars..	998	2,135	2,369	2,599	2,610	2,669	2,733	2,774	2,826
Loans in default <sup>7</sup> . . .	Mil. dol.	(NA)	1,440	4,256	6,963	8,457	10,454	13,134	16,561	19,452
Default rate <sup>8</sup> . . .	Percent	(NA)	10.1	8.9	9.4	9.2	9.6	10.4	12.2	12.9

NA Not available. X Not applicable. <sup>1</sup> For 1970, data represents Educational Opportunity Grants Program. <sup>2</sup> Formerly National Direct Student Loans. <sup>3</sup> Includes institutional matching funds. <sup>4</sup> Loans in default represents all loans in institutions' portfolio. <sup>5</sup> Formerly Guaranteed Student Loans. Beginning with 1985, data include activity under the PLUS (Parent Loans for Undergraduate Students), FISL (Federally Insured Student Loans), and SLS (Supplemental Loans for Students) programs. <sup>6</sup> Represents dollar amount of commitments. <sup>7</sup> As of September 30 of year shown. <sup>8</sup> Cumulative dollar amount of default claims to lenders, minus cumulative collections as a percent of all loans that have ever gone into repayment.

Source: U.S. Dept. of Education, Office of Postsecondary Education, unpublished data.

**No. 268. Finances of Public Institutions of Higher Education, 1986 to 1989, and by State, 1989**

[For academic years ending in year shown. Data provided by the State higher education finance officers]

YEAR AND STATE	FTE <sup>1</sup> enrollment (1,000)	APPROPRIATIONS FOR CURRENT OPERATIONS <sup>2</sup>		NET TUITION REVENUES <sup>3</sup>		YEAR AND STATE	FTE <sup>1</sup> enrollment (1,000)	APPROPRIATIONS FOR CURRENT OPERATIONS <sup>2</sup>		NET TUITION REVENUES <sup>3</sup>	
		Total (mil. dol.)	Per FTE <sup>1</sup> student (dol.)	Total (mil. dol.)	Per FTE <sup>1</sup> student (dol.)			Total (mil. dol.)	Per FTE <sup>1</sup> student (dol.)	Total (mil. dol.)	Per FTE <sup>1</sup> student (dol.)
Total, 1986 . . .	6,974.3	26,028.0	3,732	7,875.0	1,129	MN . . . . .	169.4	716.8	4,231	226.8	1,339
Total, 1987 . . .	7,048.2	27,705.0	3,931	8,467.0	1,201	MS . . . . .	84.5	282.5	3,343	123.6	1,463
Total, 1988 . . .	7,231.1	29,363.0	4,071	9,233.0	1,280	MO . . . . .	138.9	496.9	3,577	209.0	1,505
<b>Total, 1989</b>	<b>7,436.9</b>	<b>31,255.0</b>	<b>4,203</b>	<b>10,165.0</b>	<b>1,367</b>	NE . . . . .	62.3	198.9	3,191	72.1	1,157
AL . . . . .	144.3	557.8	3,865	215.7	1,495	NV . . . . .	25.9	106.3	4,100	28.5	1,099
AK . . . . .	13.9	137.3	9,879	20.4	1,468	NH . . . . .	24.6	68.4	2,782	84.4	3,432
AZ . . . . .	139.1	548.6	3,944	198.4	1,426	NJ . . . . .	161.1	910.1	5,648	250.2	1,553
AR . . . . .	58.6	220.7	3,767	81.4	1,389	NM . . . . .	59.2	261.0	4,405	56.6	955
CA . . . . .	1055.2	5,177.7	4,907	546.3	518	NY . . . . .	420.5	2,495.3	5,934	512.9	1,220
CO . . . . .	122.8	350.4	2,853	249.0	2,027	NC . . . . .	205.2	1,042.7	5,082	170.5	831
CT . . . . .	61.3	388.7	6,345	97.7	1,595	ND . . . . .	31.1	87.1	2,803	44.9	1,445
DE . . . . .	21.1	98.0	4,649	82.0	3,890	OH . . . . .	323.3	1,096.5	3,392	672.2	2,079
DC . . . . .	9.7	74.3	7,695	6.3	653	OK . . . . .	103.6	382.9	3,698	115.2	1,113
FL . . . . .	258.9	1,290.6	4,984	274.8	1,061	OR . . . . .	98.5	373.8	3,796	132.0	1,340
GA . . . . .	170.7	722.9	4,235	209.7	1,229	PA . . . . .	270.4	1,080.7	3,996	738.5	2,731
HI . . . . .	27.9	201.6	7,229	20.0	717	RI . . . . .	27.5	121.1	4,402	52.6	1,912
ID . . . . .	31.5	139.5	4,431	21.5	693	SC . . . . .	108.2	409.9	3,790	170.0	1,572
IL . . . . .	353.8	1,291.3	3,650	369.5	1,044	SD . . . . .	18.2	56.9	3,122	33.2	1,821
IN . . . . .	161.2	627.8	3,894	324.0	2,010	TN . . . . .	129.5	545.3	4,210	181.0	1,397
IA . . . . .	98.6	401.4	4,155	184.6	1,911	TX . . . . .	584.4	1,700.5	2,910	560.9	960
KS . . . . .	98.8	367.9	3,722	124.6	1,261	UT . . . . .	57.1	233.0	4,079	69.1	1,210
KY . . . . .	101.2	368.5	3,643	137.7	1,361	VT . . . . .	15.2	35.5	2,337	83.4	5,491
LA . . . . .	120.0	316.2	2,634	199.2	1,660	VA . . . . .	198.9	772.6	3,885	347.0	1,745
ME . . . . .	29.5	152.4	5,167	44.0	1,492	WA . . . . .	149.6	644.4	4,307	160.9	1,075
MD . . . . .	153.1	613.9	4,011	253.6	1,657	WV . . . . .	55.6	162.2	2,918	65.1	1,171
MA . . . . .	124.9	658.6	5,273	187.5	1,501	WI . . . . .	188.2	757.9	4,028	333.3	1,771
MI . . . . .	325.0	1,293.5	3,980	785.4	2,417	WY . . . . .	20.5	123.4	6,028	16.4	601

<sup>1</sup> Full-time equivalent (FTE). Credit and non-credit program enrollment including summer session. Excludes medical enrollments. <sup>2</sup> State and local appropriations. Includes aid to students attending in-State public institutions. Excludes sums for research, agriculture stations and cooperative extension, and hospitals and medical schools. <sup>3</sup> Excludes appropriated aid to students attending in-State public institutions.

Source: Research Associates of Washington, Washington, DC, *State Profiles: Financing Public Higher Education*, annual.

# Charges—Voluntary Support—Salaries

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## No. 269. Institutions of Higher Education—Charges: 1975 to 1990

[In dollars. Estimated. Data are for the entire academic year ending in year shown. Figures are average charges per full-time equivalent student. Room and board are based on full-time students]

ACADEMIC CONTROL AND YEAR	TUITION AND REQUIRED FEES <sup>1</sup>				BOARD RATES <sup>2</sup>				DORMITORY CHARGES			
	All institutions	2-yr. colleges	4-yr. colleges	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. colleges	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. colleges	Other 4-yr. schools
<b>Public:</b>												
1975 . . . . .	432	277	599	448	625	638	634	613	506	424	527	497
1980 . . . . .	583	355	840	662	867	893	898	833	715	574	750	703
1985 . . . . .	971	584	1,386	1,117	1,241	1,302	1,276	1,201	1,196	921	1,237	1,200
1988 . . . . .	1,218	706	1,726	1,407	1,454	1,417	1,482	1,434	1,378	943	1,410	1,409
1989 . . . . .	1,285	730	1,846	1,515	1,533	1,488	1,576	1,504	1,457	965	1,483	1,506
1990, prel. . . . .	1,367	758	2,006	1,631	1,638	1,609	1,720	1,572	1,516	958	1,563	1,554
<b>Private:</b>												
1975 . . . . .	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1980 . . . . .	3,130	2,062	3,811	3,020	955	923	1,078	912	827	766	1,001	768
1985 . . . . .	5,315	3,485	6,843	5,135	1,462	1,294	1,647	1,405	1,426	1,424	1,753	1,309
1988 . . . . .	6,988	4,161	8,771	6,574	1,775	1,537	2,060	1,667	1,748	1,380	2,244	1,593
1989 . . . . .	7,461	4,817	9,451	7,172	1,880	1,609	2,269	1,762	1,849	1,540	2,353	1,686
1990, prel. . . . .	8,174	5,324	10,400	7,815	1,951	1,800	2,345	1,825	1,931	1,648	2,420	1,783

<sup>1</sup> For in-State students. <sup>2</sup> Beginning 1988, rates reflect 20 meals per week, rather than meals served 7 days a week.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## No. 270. Voluntary Financial Support of Higher Education: 1970 to 1990

[For school years ending in years shown; enrollment as of fall of preceding year. Voluntary support, as defined in Gift Reporting Standards, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

ITEM	Unit	1970	1980	1984	1985	1986	1987	1988	1989	1990
<b>Estimated support, total <sup>1</sup></b>	Mil. dol.	<b>1,780</b>	<b>3,800</b>	<b>5,600</b>	<b>6,320</b>	<b>7,400</b>	<b>8,500</b>	<b>8,200</b>	<b>8,925</b>	<b>9,800</b>
Individuals	Mil. dol.	822	1,757	2,621	2,876	3,606	4,412	3,969	4,369	4,770
Alumni	Mil. dol.	381	910	1,305	1,460	1,825	2,346	2,042	2,292	2,540
Business corporations	Mil. dol.	269	696	1,271	1,574	1,702	1,819	1,853	1,947	2,170
Foundations	Mil. dol.	434	903	1,081	1,175	1,363	1,513	1,607	1,742	1,920
Religious denominations	Mil. dol.	102	155	190	208	211	204	197	237	240
Current operations	Mil. dol.	951	2,250	3,405	3,800	4,022	4,420	4,666	5,045	5,440
Capital purposes	Mil. dol.	829	1,550	2,195	2,520	3,378	4,080	3,534	3,880	4,360
Enrollment, higher education	1,000	8,094	11,570	12,465	12,242	12,247	12,504	12,768	13,043	13,087
Support per student	Dollars	220	328	449	516	604	680	642	684	749
In 1989-90 dollars	Dollars	733	537	561	620	706	776	704	717	749
Expenditures, higher education	Bil. dol.	24.7	62.5	89.6	98.3	105.7	115.9	123.7	131.4	143.2
Expenditures per student	Dollars	3,052	5,402	7,188	8,030	8,631	9,268	9,688	10,074	10,942
In 1989-90 dollars	Dollars	10,173	8,841	8,974	9,651	10,083	10,580	10,623	10,560	10,942
Institutions reporting support	Number	1,045	1,019	1,118	1,114	1,194	1,174	1,142	1,132	1,056
<b>Total support reported</b>	Mil. dol.	<b>1,472</b>	<b>3,055</b>	<b>4,686</b>	<b>5,295</b>	<b>6,332</b>	<b>7,323</b>	<b>7,041</b>	<b>7,546</b>	<b>8,214</b>
Private 4-year institutions	Mil. dol.	1,154	2,178	3,146	3,522	4,164	4,844	4,466	4,847	5,072
Public 4-year institutions	Mil. dol.	292	856	1,504	1,728	2,104	2,413	2,506	2,625	3,056
2-year colleges	Mil. dol.	26	20	35	45	64	65	69	74	85

<sup>1</sup> Includes other contributions not shown separately.

Source: Council for Aid to Education, New York, NY, *Voluntary Support of Education*, annual.

## No. 271. Institutions of Higher Education—Average Salaries and Fringe Benefits for Faculty Members, by Type of Control: 1970 to 1991

[In thousands of dollars. For academic year ending in year shown. Figures are for 9 months teaching for full-time faculty members in 4-year colleges and universities]

TYPE OF CONTROL AND ACADEMIC RANK	1970	1975	1980	1984	1985	1986	1987	1988	1989	1990	1991
<b>AVERAGE SALARIES</b>											
Public: All ranks	13.1	16.6	22.1	29.4	31.2	33.4	35.8	37.2	39.6	41.9	44.0
Professor	17.3	21.7	29.8	37.1	39.6	42.3	45.3	47.2	50.1	53.2	55.8
Associate professor	13.2	16.7	21.9	28.4	30.2	32.2	34.2	35.6	37.9	40.3	42.2
Assistant professor	10.9	13.7	18.0	23.5	25.0	26.7	28.5	29.6	31.7	33.5	35.2
Instructor	9.1	11.2	14.8	19.1	19.5	20.9	21.8	22.2	23.9	25.0	26.3
Private: <sup>1</sup> All ranks	13.1	16.6	22.1	31.1	33.0	35.4	37.8	39.7	42.4	45.1	47.0
Professor	17.8	22.4	30.1	41.5	44.1	47.0	50.3	52.2	55.9	58.6	61.6
Associate professor	12.6	16.0	21.0	29.4	30.9	32.9	34.9	36.6	38.8	41.2	43.2
Assistant professor	10.3	13.0	17.0	23.7	25.0	26.8	28.3	30.1	31.9	34.0	35.5
Instructor	8.6	10.9	13.3	18.4	19.0	19.8	20.4	22.7	24.1	26.0	26.2
<b>AVERAGE FRINGE BENEFITS</b>											
All ranks combined:	1.9	2.5	3.9	6.0	7.0	7.3	7.8	8.2	9.0	9.8	10.5
Public	2.2	2.8	4.1	6.4	7.2	8.0	8.6	9.2	10.0	10.9	11.6

<sup>1</sup> Excludes church-related colleges and universities.

Source: Maryse Eymonerie Associates/American Association of University Professors, Washington, DC, *AAUP Annual Report on the Economic Status of the Profession*.

**No. 272. Institutions of Higher Education—Tenure Status of Full-Time Faculty, by Type and Control of Institution and Rank and Sex of Faculty: 1990**

[In percent. Data are for those institutions of higher education reporting tenure status. Excludes schools with no tenure]

TYPE OF INSTITUTION AND CONTROL	ACADEMIC RANK							SEX	
	Total faculty	Profe-s-sor	Asso-ciate pro-fessor	Assis-tant pro-fessor	Instruc-tor	Lecturer	No acade-mic rank	Male	Female
All institutions . . . . .	63.5	95.6	81.0	19.7	6.9	7.8	68.7	69.7	48.5
4-year . . . . .	62.3	95.7	80.6	17.0	4.5	6.7	73.9	68.8	44.6
University . . . . .	65.0	96.9	85.0	9.7	3.8	2.5	0.3	71.2	43.6
Other 4-year . . . . .	60.4	94.7	77.7	21.2	4.7	10.5	29.4	67.0	45.1
2-year . . . . .	71.6	94.2	85.6	52.0	17.1	36.6	75.7	76.7	64.4
Public institutions . . . . .	65.9	96.2	83.9	22.9	8.7	9.3	70.3	71.9	51.4
4-year . . . . .	64.6	96.4	83.7	19.3	5.8	8.0	10.2	71.0	46.7
University . . . . .	66.0	97.1	87.9	10.3	4.2	2.6	0.3	72.2	44.4
Other 4-year . . . . .	63.5	95.9	80.4	25.5	6.5	12.2	20.7	70.1	48.0
2-year . . . . .	72.0	94.4	85.9	52.9	17.5	36.8	76.0	77.0	65.0
Private institutions . . . . .	57.0	93.9	73.8	12.7	1.7	1.6	41.4	63.7	40.3
4-year . . . . .	57.1	93.9	73.8	12.5	1.6	1.6	32.8	63.7	40.3
University . . . . .	62.2	96.3	75.9	8.3	2.1	2.1	(NA)	68.2	41.3
Other 4-year . . . . .	54.6	92.3	72.8	14.3	1.5	0.8	39.1	61.2	39.9
2-year . . . . .	51.5	87.9	70.4	27.3	6.8	(NA)	63.3	61.1	41.8

NA Not available.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1991.

**No. 273. College Freshmen—Summary Characteristics: 1970 to 1991**

[In percent. As of fall for first-time full-time freshmen. Based on sample survey and subject to sampling error; see source]

CHARACTERISTIC	1970	1980	1984	1985	1986	1987	1988	1989	1990	1991
<b>Sex: Male . . . . .</b>	55	49	48	48	48	47	46	46	46	47
Female . . . . .	45	51	52	52	52	53	54	54	54	53
<b>Average grade in high school:</b>										
A- to A+ . . . . .	16	21	20	21	23	21	24	23	23	24
B- to B+ . . . . .	58	60	58	59	56	59	58	59	58	57
C to C+ . . . . .	27	19	21	20	20	19	19	17	19	19
D . . . . .	1	1	1	1	1	1	1	-	-	-
<b>Political orientation:</b>										
Liberal . . . . .	34	20	20	21	22	22	22	22	23	(NA)
Middle of the road . . . . .	45	60	58	57	56	56	54	54	55	(NA)
Conservative . . . . .	17	17	19	19	19	18	20	21	20	(NA)
<b>Probable field of study:</b>										
Arts and humanities . . . . .	16	9	8	8	9	9	10	9	9	8
Biological sciences . . . . .	4	4	4	4	4	4	4	4	4	4
Business . . . . .	16	24	26	27	26	27	26	25	21	18
Education . . . . .	11	7	7	7	8	9	9	9	10	9
Engineering . . . . .	9	12	11	11	11	10	10	10	8	10
Physical science . . . . .	2	3	3	2	2	2	2	2	2	2
Social science . . . . .	14	7	7	8	8	9	9	10	10	8
Professional . . . . .	(NA)	15	14	13	12	11	12	13	15	18
Technical . . . . .	4	6	5	4	4	3	2	3	4	4
Data processing/computer programming . . . . .	(NA)	2	2	2	2	1	1	1	1	1
Other . . . . .	(NA)	16	16	15	16	16	16	15	16	17
Communications . . . . .	(NA)	2	2	2	2	3	3	3	2	2
Computer science . . . . .	(NA)	1	3	2	2	2	2	2	2	2
<b>Recipient of financial aid:</b>										
Pell grant . . . . .	(NA)	33	20	19	17	17	20	22	23	23
Supplemental educational opportunity grant . . . . .	(NA)	8	6	5	5	6	6	6	7	7
State scholarship or grant . . . . .	(NA)	16	14	14	14	16	14	15	16	13
College grant . . . . .	(NA)	13	17	19	18	13	20	20	22	22
Federal guaranteed student loan . . . . .	(NA)	21	23	23	25	22	22	23	23	22
Perkins loan <sup>1</sup> . . . . .	(NA)	9	6	6	7	5	3	2	8	7
College loan . . . . .	(NA)	4	4	4	4	5	6	8	6	5
College work-study grant . . . . .	(NA)	15	9	10	10	10	10	10	10	11
<b>Attitudes—agree or strongly agree:</b>										
Activities of married women are best confined to home and family . . . . .	48	27	23	22	20	26	26	26	25	26
Capital punishment should be abolished . . . . .	56	34	26	27	26	24	23	21	22	21
Legalize marijuana . . . . .	38	39	23	22	21	20	19	17	19	21
There is too much concern for the rights of criminals . . . . .	52	66	(NA)	(NA)	(NA)	68	69	69	(NA)	65
Abortion should be legalized . . . . .	(NA)	54	54	55	59	59	57	65	(NA)	63

<sup>1</sup> Represents or rounds to zero. NA Not available. <sup>1</sup> Includes other fields of study and undecided, not shown separately.

<sup>2</sup> National Direct Student Loan prior to 1990.

Source: The Higher Education Research Institute, University of California, Los Angeles, CA. *The American Freshman: National Norms*, annual.

**No. 274. Freshman Enrollment in Remedial Courses, by Institutional Characteristic: 1989**

[In percent, except number of freshmen. As of fall. Remedial courses are those developed for students lacking skills necessary to perform college-level work as required by the institution. Based on survey and subject to sampling error; for details, see source.]

INSTITUTIONAL CHARACTERISTIC	Number of freshmen (1,000)	INSTITUTIONS OFFERING COURSES				FRESHMEN TAKING COURSES			
		Total	Reading	Writing	Math	Total	Reading	Writing	Math
All institutions . . . . .	2,242	74	58	65	68	30	13	16	21
Control: Public . . . . .	1,784	91	82	87	89	32	13	17	23
Private . . . . .	457	58	34	44	47	22	12	11	12
Type: 2-year . . . . .	1,069	90	82	84	84	36	16	20	26
4-year . . . . .	1,173	64	41	53	57	24	9	12	15
Size of institution:									
Fewer than 1,000 . . . . .	109	60	76	47	48	26	9	15	18
1,000 to 4,999 . . . . .	650	78	64	69	75	33	16	17	22
5,000 or more. . . . .	1,483	87	76	81	81	29	11	15	20

Source: U.S. National Center for Education Statistics, "College Level Remedial Education in the Fall of 1989," FRSS-38.

**No. 275. Foreign (Nonimmigrant) Student Enrollment in Institutions of Higher Education, by Region of Origin, 1976 to 1991, and by Field of Study, 1980 and 1990**

[For fall of the previous year]

REGION OF ORIGIN	ENROLLMENT (1,000)									PERCENT ENROLLED IN—						
	1976 1980 1985 1986 1987 1988 1989 1990 1991									Engineering			Science <sup>1</sup>		Business	
	1980		1990		1980		1990		1980		1990		1980		1990	
All regions . . . . .	179	286	342	344	350	356	366	387	408	25	19	8	9	16	19	
Africa . . . . .	25	36	40	34	32	28	26	25	24	20	15	9	8	19	20	
Nigeria . . . . .	11	16	18	13	12	8	6	4	4	19	12	9	5	22	20	
Asia <sup>2</sup> . . . . .	97	165	200	210	218	224	232	245	263	32	23	8	10	16	18	
China: Taiwan . . . . .	11	18	23	24	26	27	29	31	34	17	26	15	10	17	17	
Hong Kong . . . . .	12	10	10	11	11	11	11	11	13	22	17	9	6	26	33	
India . . . . .	10	9	15	16	18	21	23	26	29	31	35	16	11	21	16	
Indonesia . . . . .	1	2	7	8	9	9	9	10	10	27	20	7	4	21	37	
Iran . . . . .	20	51	17	14	12	10	9	7	6	45	29	7	14	11	7	
Japan . . . . .	7	12	13	13	15	18	24	30	37	7	5	5	3	19	21	
Malaysia . . . . .	2	4	22	23	22	19	16	14	14	13	30	14	4	22	28	
Saudi Arabia . . . . .	3	10	8	7	6	5	5	4	4	30	26	4	4	14	14	
South Korea . . . . .	3	5	16	19	20	21	21	22	23	17	19	11	12	15	15	
Thailand . . . . .	7	7	7	7	6	6	7	7	7	17	14	6	4	26	35	
Europe . . . . .	14	23	33	34	36	39	43	46	50	50	15	12	9	8	14	
Latin America <sup>3</sup> . . . . .	30	42	49	45	45	45	48	48	48	20	14	8	6	14	19	
Mexico . . . . .	5	6	6	5	5	6	6	7	7	16	13	7	8	11	18	
Venezuela . . . . .	5	10	10	7	5	4	3	3	3	30	17	8	7	11	19	
North America . . . . .	10	16	16	16	16	16	17	19	19	8	8	6	6	13	15	
Canada . . . . .	10	15	15	15	16	16	16	18	18	8	8	6	6	12	14	
Oceania . . . . .	3	4	4	4	4	4	4	4	4	5	5	7	6	16	18	

<sup>1</sup> Physical and life sciences. <sup>2</sup> Includes countries not shown separately. <sup>3</sup> Includes Central America, Caribbean, and South America.

Source: Institute of International Education, New York, NY, *Open Doors*, annual, (copyright).

**No. 276. Higher Education Registrations in Foreign Languages: 1960 to 1990**

[As of fall]

ITEM	1960	1965	1968	1970	1974	1977	1980	1983	1986	1990
Registrations <sup>1</sup> (1,000) . . . . .	2,647.1	1,034.9	1,127.4	1,111.5	946.6	933.5	924.8	966.0	1,003.2	1,183.5
Index (1960 = 100) . . . . .	100.0	159.9	174.2	171.8	146.3	144.3	142.9	149.3	155.0	182.9
By selected language (1,000):										
Spanish . . . . .	178.7	310.3	364.9	369.2	362.2	376.7	379.4	386.2	411.3	533.6
French . . . . .	228.8	371.6	388.1	359.3	253.1	246.1	248.4	270.1	275.3	272.6
German . . . . .	146.1	213.9	216.3	202.6	152.1	135.4	126.9	128.2	121.0	133.4
Italian . . . . .	11.1	22.9	30.4	34.2	33.0	33.3	34.8	38.7	40.9	49.7
Japanese . . . . .	1.7	3.4	4.3	6.6	9.6	10.7	11.5	16.1	23.5	45.7
Russian . . . . .	30.6	33.7	40.7	36.1	32.5	27.8	24.0	30.4	34.0	44.4
Latin . . . . .	25.7	39.6	35.0	27.6	25.2	24.4	25.0	24.2	25.0	28.2
Chinese . . . . .	1.8	3.4	5.1	6.2	10.6	9.8	11.4	13.2	16.9	19.5
Ancient Greek . . . . .	21.2	19.5	19.3	16.7	24.4	25.8	22.1	19.4	17.6	16.4
Hebrew . . . . .	3.8	8.1	10.2	16.6	22.4	19.4	19.4	18.2	15.6	13.0
Portuguese . . . . .	1.0	3.0	4.0	5.1	5.1	5.0	4.9	4.4	5.1	6.1
Arabic . . . . .	0.5	0.9	1.1	1.3	2.0	3.1	3.5	3.4	3.4	3.5
12 languages as percent of total.	99.3	98.6	99.3	99.1	98.5	98.3	98.5	98.6	98.6	98.5

<sup>1</sup> Includes other foreign languages, not shown separately. <sup>2</sup> Estimated.

Source: Association of Departments of Foreign Languages, New York, NY, *ADFL Bulletin*, vol. 23, No. 3, and earlier issues, (copyright).

## Education

**No. 277. Salary Offers to Candidates for Degrees, by Field of Study: 1980 to 1991**

[In dollars. Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout the United States]

FIELD OF STUDY	BACHELOR'S			MASTER'S <sup>1</sup>			DOCTOR'S		
	Monthly, 1980	Annual		Monthly, 1980	Annual		Monthly, 1980	Annual	
		1989	1990		1989	1990		1989	1990
Accounting	1,293	25,290	26,391	26,642	1,517	28,874	29,647	30,996	(NA)
Business, general <sup>2</sup>	1,218	22,274	23,529	24,019	1,795	33,903	36,175	35,241	(NA)
Marketing	1,145	22,523	23,543	23,713	1,794	34,462	35,440	43,182	(NA)
Engineering:									
Civil	1,554	26,735	28,136	29,658	1,753	30,723	32,336	34,551	2,089
Chemical	1,801	32,949	35,122	37,492	1,947	36,131	37,862	40,457	2,452
Computer	(NA)	30,413	31,490	32,280	(NA)	37,183	35,748	38,348	53,380
Electrical <sup>4</sup>	1,690	30,661	31,778	33,190	1,912	36,435	37,526	38,804	2,534
Mechanical	1,703	30,539	32,064	33,999	1,893	35,260	36,506	38,114	2,426
Nuclear <sup>5</sup>	1,668	31,281	31,750	32,175	1,831	34,024	36,728	38,086	(NA)
Petroleum	1,987	32,987	35,202	36,882	(NA)	38,475	38,412	43,608	(NA)
Engineering tech.	1,585	26,310	29,318	30,098	(NA)	(NA)	(NA)	(NA)	(NA)
Chemistry	1,459	26,698	27,494	26,836	1,688	32,157	32,320	33,575	2,261
Mathematics <sup>6</sup>	1,475	26,789	27,032	27,370	1,685	31,498	30,065	30,061	2,199
Physics	(NA)	28,296	28,002	29,227	(NA)	29,889	31,480	35,207	2,303
Humanities	1,074	23,010	23,213	23,567	1,309	25,799	(NA)	(NA)	(NA)
Social sciences <sup>7</sup>	1,072	20,205	21,627	21,375	1,298	23,814	(NA)	(NA)	(NA)
Computer science	1,558	28,557	29,804	30,696	1,858	35,823	36,849	37,894	50,049
									54,788
									58,300

NA Not available. <sup>1</sup> Candidates with 1 year or less of full-time nonmilitary employment. <sup>2</sup> For master's degree, offers are after nontechnical undergraduate degree. <sup>3</sup> Includes distribution. <sup>4</sup> Includes computer engineering for 1986. <sup>5</sup> Includes engineering physics. <sup>6</sup> Beginning 1989, excludes actuarial. <sup>7</sup> Excludes economics.

Source: College Placement Council, Inc., Bethlehem, PA, *Salary Survey, A Study of Beginning Offers*, annual, (copyright).

**No. 278. Earned Degrees Conferred, by Level of Degree and Sex, 1950 to 1989 and Projections, 1990 and 1995**

[In thousands, except percent. Beginning 1960, includes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series H-751-763 for similar data. See also Appendix III]

YEAR ENDING	DEGREES		ASSOCIATE'S		BACHELOR'S		MASTER'S		FIRST PROFESSIONAL		DOCTOR'S	
	Total	Percent male	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
1950 <sup>1</sup>	497	75.7	(NA)	(NA)	329	103	41	17	(NA)	(NA)	6	1
1960 <sup>1</sup>	477	65.8	(NA)	(NA)	254	138	51	24	(NA)	(NA)	9	1
1965	664	61.6	(NA)	(NA)	289	213	78	40	27	1	15	2
1970	1,271	59.2	117	89	451	341	126	83	33	2	26	4
1971	1,393	59.0	144	108	476	364	138	92	36	2	28	5
1972	1,509	58.7	166	126	501	387	150	102	41	3	28	5
1973	1,586	58.1	175	141	518	404	154	109	46	4	29	6
1974	1,653	57.5	189	155	527	418	158	119	49	5	27	6
1975	1,666	56.1	191	169	505	418	162	131	49	7	27	7
1976	1,726	55.7	210	181	505	421	167	145	53	10	26	8
1977	1,741	54.7	211	196	496	424	168	149	52	12	25	8
1978	1,744	53.3	205	208	487	434	161	150	52	14	24	8
1979	1,727	52.1	192	211	477	444	153	148	53	16	24	9
1980	1,731	51.1	184	217	474	456	151	147	53	17	23	10
1981	1,752	50.3	189	228	470	465	147	149	53	19	23	10
1982	1,788	49.8	197	238	473	480	146	150	52	20	22	10
1983	1,822	49.6	207	249	479	490	145	145	51	22	22	11
1984	1,819	49.6	203	250	482	492	144	141	51	23	22	11
1985	1,828	49.3	203	252	483	497	143	143	50	25	22	11
1986	1,830	49.0	196	250	486	502	144	145	49	25	22	12
1987	1,825	48.4	192	246	481	510	141	148	47	24	22	12
1988	1,834	48.0	190	245	477	518	145	154	45	25	23	12
1989	1,870	47.3	185	250	483	535	149	161	45	26	23	13
1990, proj.	1,916	46.2	185	260	485	558	149	170	43	28	24	14
1995, proj.	2,062	46.3	203	277	510	590	165	189	53	35	24	16

NA Not available. <sup>1</sup> First-professional degrees are included with bachelor's degrees.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

**No. 279. Earned Degrees Conferred, by Field of Study and Level of Degree:  
1971 to 1989**

LEVEL AND FIELD OF STUDY	1971	1980	1985	1986	1987	1988	1989	PERCENT FEMALE	
								1971	1989
<b>Bachelor's, total . . . . .</b>	<b>839,730</b>	<b>929,417</b>	<b>979,477</b>	<b>987,823</b>	<b>991,339</b>	<b>994,829</b>	<b>1,017,667</b>	<b>43.4</b>	<b>52.5</b>
Agriculture and natural resources	12,672	22,802	18,107	16,823	14,991	14,222	13,488	4.2	31.1
Architecture and environmental design	5,570	9,132	9,325	9,119	8,922	8,603	9,191	11.9	39.3
Area and ethnic studies	2,582	2,840	2,867	3,060	3,340	3,453	3,949	52.4	59.2
Business and management	114,865	185,361	233,351	238,160	241,156	243,725	246,659	9.1	46.7
Communications <sup>1</sup>	10,802	28,616	42,083	43,091	45,408	46,726	48,625	35.3	60.4
Computer and information sciences	2,388	11,154	38,878	41,889	39,664	34,523	30,637	13.6	30.7
Education <sup>1</sup>	176,614	118,169	88,161	87,221	87,115	91,287	96,988	74.5	77.7
Engineering <sup>1</sup>	50,046	68,893	96,105	95,953	93,074	88,706	85,273	0.8	13.6
Foreign languages	19,945	11,133	9,954	10,102	10,184	10,045	10,774	74.6	73.3
Health sciences	25,190	63,607	64,513	64,535	63,206	60,754	59,111	77.1	84.9
Home economics	11,167	18,411	15,555	15,288	14,942	14,855	14,717	97.3	90.6
Law	545	683	1,157	1,197	1,178	1,303	1,976	5.0	60.3
Letters	64,933	33,497	34,091	35,434	37,133	39,551	43,323	65.5	67.1
Liberal/general studies	5,461	20,069	19,191	19,248	21,365	21,790	23,459	29.0	57.2
Library and archival sciences	1,013	398	202	157	139	123	122	92.0	86.9
Life sciences	35,743	46,370	38,445	38,524	38,114	36,755	36,079	29.1	50.2
Mathematics	24,801	11,378	15,146	16,306	16,489	15,904	15,237	38.0	46.0
Military sciences	357	261	299	256	393	350	419	0.3	9.8
Multi/interdisciplinary studies	8,306	14,404	15,727	15,700	16,402	17,353	18,213	28.4	53.8
Parks and recreation	1,621	5,753	4,593	4,433	4,107	4,078	4,171	34.7	59.0
Philosophy, religion, and theology	11,890	13,276	12,439	11,841	11,686	11,526	11,733	25.5	29.9
Physical sciences	21,412	23,410	23,732	21,731	19,974	17,806	17,204	13.8	29.7
Psychology	37,880	41,962	39,811	40,521	42,868	45,003	48,516	44.5	70.8
Protective services	2,045	15,015	12,510	12,704	12,930	13,367	14,626	9.2	38.0
Public affairs <sup>2</sup>	6,252	18,422	13,838	13,878	14,161	14,294	15,254	60.2	67.6
Social sciences <sup>2</sup>	155,236	103,519	91,461	93,703	96,185	100,288	107,714	36.8	44.4
Visual and performing arts	30,394	40,892	37,936	36,949	36,223	36,638	37,781	59.7	61.5
Unclassified	-	-	-	-	-	1,801	2,428	-	41.9
<b>Master's, total . . . . .</b>	<b>230,509</b>	<b>298,081</b>	<b>286,251</b>	<b>288,567</b>	<b>289,557</b>	<b>299,317</b>	<b>309,762</b>	<b>40.1</b>	<b>51.9</b>
Agriculture and natural resources	2,457	3,976	3,928	3,801	3,523	3,479	3,245	5.9	31.2
Architecture and environmental design	1,705	3,139	3,275	3,260	3,142	3,159	3,378	13.8	35.1
Area and ethnic studies	1,032	852	879	927	851	903	978	38.3	49.2
Business and management	26,481	55,006	67,527	67,137	67,496	69,655	73,154	3.9	33.6
Communications	1,856	3,082	3,669	3,823	3,937	3,925	4,233	34.6	59.6
Computer and information sciences	1,588	3,647	7,101	8,070	8,491	9,197	9,392	10.3	27.9
Education <sup>1</sup>	88,952	103,951	76,137	76,353	75,501	77,867	82,238	56.2	75.3
Engineering <sup>1</sup>	16,443	16,243	21,557	21,661	22,693	23,388	24,541	1.1	13.0
Foreign languages	4,755	2,236	1,724	1,721	1,746	1,844	1,911	65.5	68.5
Health sciences	5,445	15,068	17,383	18,624	18,426	18,665	19,255	55.9	78.1
Home economics	1,452	2,690	2,383	2,298	2,070	2,053	2,174	93.9	85.7
Law	955	1,817	1,796	1,924	1,943	1,880	2,098	4.8	28.9
Letters	11,148	6,807	5,934	6,291	6,123	6,194	6,608	60.2	65.6
Liberal/general studies	549	1,373	1,180	1,154	1,126	1,354	1,408	44.3	64.8
Library and archival sciences	7,001	5,374	3,893	3,626	3,815	3,713	3,940	81.3	79.3
Life sciences	5,728	6,510	5,059	5,013	4,954	4,784	4,933	33.6	49.6
Mathematics	5,191	2,860	2,882	3,159	3,321	3,442	3,424	29.2	39.9
Military sciences	2	46	119	83	83	49	-	-	-
Multi/interdisciplinary studies	1,157	3,579	3,184	3,104	3,041	3,098	3,225	30.9	39.0
Parks and recreation	218	647	544	495	476	461	460	29.8	53.7
Philosophy, religion, and theology	4,036	5,126	5,519	5,630	5,989	5,913	5,899	27.1	36.3
Physical sciences	6,367	5,219	5,796	5,902	5,652	5,733	5,737	13.3	26.7
Psychology	4,431	7,806	8,408	8,293	8,204	7,872	8,579	37.2	67.4
Protective services	194	1,805	1,235	1,074	1,019	1,024	1,046	10.3	31.0
Public affairs	8,215	18,413	16,045	16,300	17,032	17,290	17,928	49.2	64.3
Social sciences <sup>2</sup>	16,476	12,101	10,380	10,428	10,397	10,294	10,854	28.5	40.2
Visual and performing arts	6,675	8,708	8,714	8,416	8,506	7,937	8,234	47.4	56.3
Unclassified	-	-	-	-	-	4,144	890	-	44.3
<b>Doctorate's, total . . . . .</b>	<b>32,107</b>	<b>32,615</b>	<b>32,943</b>	<b>33,653</b>	<b>34,120</b>	<b>34,870</b>	<b>35,759</b>	<b>14.3</b>	<b>36.5</b>
Agriculture and natural resources	1,086	991	1,213	1,158	1,049	1,142	1,184	2.9	19.6
Architecture and environmental design	36	79	89	73	92	98	86	8.3	26.7
Area and ethnic studies	144	151	137	157	132	140	110	16.7	48.2
Business and management	807	792	866	969	1,098	1,109	1,150	2.9	26.6
Communications <sup>1</sup>	145	193	234	223	275	234	248	13.1	44.8
Computer and information sciences	128	240	248	344	374	428	538	2.3	15.1
Education <sup>1</sup>	6,403	7,941	7,151	7,110	6,909	6,553	6,783	21.2	57.3
Engineering	3,638	2,507	3,230	3,410	3,820	4,191	4,533	0.6	8.8
Foreign languages	781	549	437	448	441	411	422	38.0	60.0
Health sciences	459	771	1,199	1,241	1,213	1,261	1,439	16.3	57.5
Home economics	123	192	276	311	297	309	263	61.0	77.6
Law	20	40	105	54	120	89	76	0.0	39.5
Letters	1,857	1,500	1,239	1,215	1,181	1,172	1,238	28.0	54.8
Life sciences	3,645	3,636	3,432	3,358	3,423	3,629	3,533	16.3	36.7
Mathematics	1,199	724	699	742	725	750	882	7.8	19.4
Multi/interdisciplinary studies	80	295	285	319	276	261	257	13.8	38.5
Philosophy, religion, and theology	866	1,693	1,608	1,660	1,658	1,604	1,629	5.8	16.3
Physical sciences	4,390	3,089	3,403	3,551	3,672	3,809	3,852	5.6	19.7
Psychology	1,782	2,768	2,908	3,088	3,123	2,987	3,263	24.0	56.2
Public affairs <sup>2</sup>	185	372	431	385	398	470	417	23.8	50.1
Social sciences <sup>2</sup>	3,659	3,219	2,851	2,955	2,916	2,781	2,878	13.9	32.6
Visual and performing arts	621	655	693	722	792	725	755	22.2	41.3
Other and unclassified	53	218	209	160	136	717	223	28.3	35.4

<sup>1</sup> Represents zero. <sup>2</sup> Includes technologies.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

**No. 280. Degrees Conferred in Selected Professions: 1960 to 1989**

[First professional degrees. See Appendix III]

TYPE OF DEGREE AND SEX OF RECIPIENT	1960	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989 <sup>1</sup>
<b>Medicine (M.D.):</b>											
Institutions conferring degrees	79	86	104	112	118	119	120	120	122	122	124
Degrees conferred, total	7,032	8,314	12,447	14,902	15,484	15,813	16,041	15,938	15,620	15,358	15,454
Men	6,645	7,615	10,818	11,416	11,350	11,359	11,167	11,022	10,566	10,278	10,326
Women	387	699	1,629	3,486	4,134	4,454	4,874	4,916	5,054	5,080	5,128
Percent of total	5.5	8.4	13.1	23.4	26.7	28.2	30.4	30.8	32.4	33.1	33.2
<b>Dentistry (D.D.S. or D.M.D.):</b>											
Institutions conferring degrees	45	48	52	58	59	60	59	59	58	57	58
Degrees conferred, total	3,247	3,718	4,773	5,258	5,585	5,353	5,339	5,046	4,741	4,477	4,247
Men	3,221	3,684	4,627	4,558	4,631	4,302	4,233	3,907	3,603	3,300	3,139
Women	26	34	146	700	954	1,051	1,106	1,139	1,138	1,177	1,108
Percent of total	0.8	0.9	3.1	13.3	17.1	19.6	20.7	22.6	24.0	26.3	26.1
<b>Law (LL.B. or J.D.):</b>											
Institutions conferring degrees	134	145	154	179	177	179	181	180	180	180	182
Degrees conferred, total	9,240	14,916	29,296	35,647	36,855	37,012	37,491	35,844	36,172	35,397	35,567
Men	9,010	14,115	24,881	24,893	23,550	23,382	23,070	21,874	21,643	21,067	21,048
Women	230	801	4,415	10,754	13,303	13,630	14,421	13,970	14,529	14,330	14,519
Percent of total	2.5	5.4	15.1	30.2	36.1	36.8	38.5	39.0	40.2	40.5	40.8
<b>Theological (B.D., M.Div., M.H.L.):</b>											
Institutions conferring degrees	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Degrees conferred, total	(NA)	5,298	5,095	7,115	6,494	6,878	7,221	7,283	7,181	6,466	6,005
Men	(NA)	5,175	4,748	6,133	5,395	5,673	5,886	5,865	5,794	5,080	4,639
Women	(NA)	123	347	982	1,099	1,205	1,335	1,418	1,387	1,386	1,366
Percent of total	(NA)	2.3	6.8	13.8	16.9	17.5	18.5	19.5	19.3	21.4	22.7

NA Not available. <sup>1</sup> Preliminary.Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.**No. 281. Graduate Student Enrollment and Degrees Conferred in Selected Fields, by Race/Ethnicity: 1988-89**

ITEM	NUMBER				PERCENT DISTRIBUTION			
	Total	Minority <sup>1</sup>	White <sup>2</sup>	Non-resident alien <sup>3</sup>	Total	Minority <sup>1</sup>	White <sup>2</sup>	Non-resident alien <sup>3</sup>
Graduate enrollment (1,000) . . .	1,472	167	1,153	151	100.0	11.3	78.3	10.3
Degrees conferred: <sup>4</sup>								
Masters . . . . .	308,872	33,193	241,607	34,072	100.0	10.7	78.2	11.0
Doctorates . . . . .	35,692	3,117	24,895	7,680	100.0	8.7	69.7	21.5
SELECTED FIELD								
Agriculture and natural resources:								
Masters . . . . .	3,245	168	2,222	855	100.0	5.2	68.5	26.3
Doctorates . . . . .	1,184	65	677	442	100.0	5.5	57.2	37.3
Business and management:								
Masters . . . . .	73,154	7,817	57,445	7,892	100.0	10.7	78.5	10.8
Doctorates . . . . .	1,150	93	746	311	100.0	8.1	64.9	27.0
Computer and info. systems:								
Masters . . . . .	9,392	1,400	5,290	2,702	100.0	14.9	56.3	28.8
Doctorates . . . . .	538	48	285	205	100.0	8.9	53.0	38.1
Engineering:								
Masters . . . . .	24,541	3,089	14,206	7,246	100.0	12.6	57.9	29.5
Doctorates . . . . .	4,533	402	1,947	2,184	100.0	8.9	43.0	48.2
Mathematics:								
Masters . . . . .	3,424	282	2,123	1,019	100.0	8.2	62.0	29.8
Doctorates . . . . .	882	49	413	420	100.0	5.6	46.8	47.6
Physical sciences:								
Masters . . . . .	5,737	469	3,962	1,306	100.0	8.2	69.1	22.8
Doctorates . . . . .	3,852	284	2,436	1,132	100.0	7.4	63.2	29.4
Social sciences:								
Masters . . . . .	10,854	1,026	7,678	2,150	100.0	9.5	70.7	19.8
Doctorates . . . . .	2,878	279	1,874	725	100.0	9.7	65.1	25.2

<sup>1</sup> American Indian/Alaskan native, non-Hispanic Black, Asian/Pacific Islander and Hispanic. <sup>2</sup> Non-Hispanic. <sup>3</sup> A person who is not a citizen or national of the U.S. who is in the country on a temporary basis and does not have the right to remain indefinitely. <sup>4</sup> Includes degrees conferred in fields not shown separately. Excludes 890 masters degrees and 67 doctorate degrees for which racial/ethnic group was not available.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1991. (Data are collected biennially.)

# Degrees—College Completions

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## No. 282. Earned Degrees Below Bachelor's, by Curriculum: 1984 to 1990

[Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

FIELD OF STUDY	1984	1985	1986	1987	1988	1989	1990	PERCENT FEMALE	
								1984	1990
All degrees.....	610,332	614,749	604,634	590,683	601,713	601,280	640,098	54.3	57.0
Agriculture and natural resources.....	10,641	10,466	9,263	8,680	8,769	7,541	9,321	28.9	29.7
Architecture and environmental design.....	1,927	1,939	2,016	2,260	2,520	2,452	2,528	84.3	86.9
Area and ethnic studies.....	64	69	115	266	172	208	242	60.9	72.7
Business and management.....	166,238	170,170	168,168	161,813	158,844	153,072	153,248	66.5	73.0
Communications.....	4,162	4,580	4,528	4,561	4,414	5,300	4,570	43.2	41.3
Computer and information sciences.....	16,111	15,896	13,307	11,972	11,936	10,321	13,373	49.1	54.2
Education.....	8,503	8,551	8,354	8,095	7,958	8,314	8,827	72.2	72.7
Engineering.....	100,080	100,146	97,609	97,731	104,036	94,655	93,467	7.9	8.5
Foreign languages.....	372	427	526	484	584	629	707	57.5	61.8
Health sciences.....	107,142	107,248	104,051	96,261	96,119	96,884	109,398	87.0	85.1
Home economics.....	14,344	14,966	14,760	14,333	15,142	15,286	18,511	75.0	76.3
Law.....	2,551	2,948	3,259	3,728	4,661	6,068	7,935	83.1	83.5
Letters.....	822	681	812	574	574	626	774	64.8	65.5
Liberal/general studies.....	109,451	107,814	109,529	109,764	114,882	119,577	129,783	54.9	58.8
Library and archival sciences.....	280	253	208	203	165	204	215	86.2	89.8
Life sciences.....	1,297	1,205	1,080	1,136	980	1,050	1,197	52.4	54.5
Mathematics.....	821	813	705	691	695	664	813	36.4	36.2
Military sciences.....	87	34	21,000	21,009	141	164	129	4.6	11.6
Multi/interdisciplinary studies.....	8,398	8,697	9,873	9,842	11,063	11,444	11,916	54.5	55.7
Parks and recreation.....	819	893	787	660	717	678	593	50.9	36.3
Philosophy, religion, and theology.....	1,740	1,830	1,810	1,371	1,427	1,502	1,593	44.3	45.9
Physical sciences.....	2,990	2,286	2,230	2,179	1,998	2,079	2,295	34.7	38.0
Psychology.....	1,147	1,032	1,005	1,068	1,105	1,143	1,143	67.0	74.3
Protective services.....	15,654	16,057	15,592	17,786	17,832	17,901	20,174	23.8	24.3
Public affairs.....	5,812	6,230	6,245	6,478	7,007	8,765	10,471	47.2	32.6
Social sciences.....	2,755	2,613	2,753	2,782	2,915	2,962	3,131	57.1	55.1
Visual and performing arts.....	26,244	24,358	24,015	24,327	23,107	21,438	22,790	32.7	33.7
Undistributed.....	-	2,537	1,034	629	1,960	10,353	10,954	(X)	47.7

- Represents zero. X Not applicable. <sup>1</sup> includes technologies. <sup>2</sup> Includes a certificate program.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## No. 283. High School Graduates Completing College: 1976 to 1986

[Cumulative percent of 1972, 1980, and 1982 high school graduates completing college. For highest level of degree attained. Based on survey and subject to sampling error, see source]

STUDENT CHARACTERISTIC	1972 HIGH SCHOOL SENIORS						1980 HIGH SCHOOL SENIORS			1982 high school seniors, 1-2 year degrees by Feb. 1986
	1-2 year degrees by June—			Bachelor's degrees by June—			1-2 year degrees by Feb.—		Bachelor's degrees by Feb. 1986	
	1976	1982	1986	1976	1980	1986	1984	1986	1986	
Total.....	6.4	11.8	16.6	14.3	25.1	27.7	8.8	12.5	18.8	7.9
Sex:										
Male.....	5.6	10.8	15.8	13.3	27.5	30.1	7.7	10.8	18.4	5.9
Female.....	7.2	12.6	17.3	15.3	22.9	25.4	9.9	14.1	19.2	9.6
Race/ethnicity:										
White <sup>1</sup> .....	6.9	12.1	17.0	15.6	27.0	29.4	9.0	12.5	20.8	7.9
Black <sup>1</sup> .....	2.1	9.4	14.6	7.8	14.7	19.2	6.4	10.4	10.1	7.1
Hispanic.....	3.3	9.1	13.7	3.1	9.7	10.9	9.2	14.7	6.8	9.5
Asian.....	8.0	21.0	27.7	5.8	5.8	18.5	11.8	15.7	28.7	5.3
American Indian <sup>1</sup> .....	4.1	20.1	26.2	29.2	53.2	56.1	16.9	20.3	9.2	5.8
High school average:										
A.....	7.9	13.5	19.0	41.9	59.3	60.7	8.2	11.3	49.0	3.9
A to B.....	7.4	13.0	17.0	23.5	39.3	42.4	12.6	15.9	28.5	7.1
B.....	7.1	11.7	17.8	12.3	24.9	26.0	9.7	14.0	18.5	9.5
B to C.....	6.8	12.8	18.2	6.0	14.3	17.5	9.7	12.5	9.0	8.5
C.....	2.6	7.7	12.8	2.4	6.1	7.7	5.4	10.0	2.5	7.2
D.....	3.2	7.0	9.7	1.1	3.6	4.5	3.0	7.6	1.3	6.2
High school program:										
General.....	5.4	10.1	14.7	5.6	12.0	14.2	8.5	12.0	10.0	8.5
Academic.....	8.0	15.0	20.9	27.5	45.6	49.1	10.2	14.0	37.4	6.8
Vo/tech.....	4.7	7.9	10.9	1.3	4.3	5.4	9.1	12.6	3.4	9.2

<sup>1</sup> Non-Hispanic.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1989.

**No. 284. Libraries—Number, by Type: 1980 to 1990**

TYPE	1980	1985	1990		TYPE	1980	1985	1990	
			Total	Per-cent				Total	Per-cent
<b>Total<sup>1</sup></b>	<b>31,564</b>	<b>32,323</b>	<b>34,813</b>	<b>100.0</b>	Academic	4,591	5,034	4,593	13.3
United States	28,638	29,843	30,761	88.9	Junior college	1,191	1,188	1,233	3.6
Public	8,717	8,849	9,060	26.2	Colleges, universities	3,400	3,846	3,360	9.7
Public branches	5,936	6,330	5,833	16.9	Departmental	1,489	1,824	1,454	4.2
Special <sup>2</sup>	7,649	7,530	9,051	26.1	Law, medicine, religious	269	531	501	1.4
Medicine	1,674	1,667	1,861	5.4	Government	1,260	1,574	1,735	5.0
Religious	913	839	946	2.7	Armed Forces	485	526	489	1.4
Law	417	435	647	1.9	Outlying areas	113	114	110	0.3

<sup>1</sup> Includes public libraries with annual incomes of less than \$2,000 or book funds of less than \$500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U. S. not shown separately.

<sup>2</sup> Includes other types of special libraries, not shown separately. Increase between 1985 and 1990 is due mainly to revised criteria for identifying special libraries and improved methods of counting.

Source: R.R. Bowker Co., New York, NY, *The Bowker Annual: Library and Book Trade Almanac and American Library Directory*, annual. (Copyright by Reed Publishing.)

**No. 285. College and University Libraries—Summary 1975 to 1988**

[For school year ending in year shown, except enrollment as of fall. Prior to 1982, includes outlying areas]

ITEM	1975	1976	1977	1979	1982	1985	1988
Number of libraries	2,972	2,987	3,058	3,122	3,104	3,322	3,438
Total enrollment	10,322	11,291	11,121	11,392	12,372	12,242	12,767
COLLECTIONS (1,000)							
Number of volumes	447,059	468,033	481,442	519,895	567,826	631,727	718,504
Volumes added during year	23,242	22,977	22,367	21,608	19,507	20,658	21,907
Number of serial subscriptions	4,434	4,618	4,670	4,775	4,890	6,317	6,416
STAFF							
Total	56,836	56,852	57,087	58,416	58,476	58,476	67,251
Librarians and professional	23,530	23,104	23,308	23,676	23,816	21,822	25,115
OPERATING EXPENDITURES (mil. dol.)							
Total <sup>1</sup>	1,091,784	1,180,128	1,259,637	1,502,158	1,943,769	2,404,524	2,770,075
Salaries	592,568	649,374	698,090	824,438	1,081,894	1,156,138	1,451,551
Collection	327,904	357,544	373,699	450,180	561,199	750,282	891,281

<sup>1</sup> Includes other expenditures, not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1991.

**No. 286. Large College and University Libraries—Selected Statistics: 1985**

[Staff as of fall; expenditures for school year. For the largest 15 college and university libraries by collection-size]

INSTITUTION	Number of volumes (1,000)	STAFF <sup>1</sup>		OPERATING EXPENDITURES (\$1,000)			
		Total	Professional	Total	Salaries/ wages <sup>2</sup>	Books and other mate- rial <sup>3</sup>	Binding and re- binding
Harvard University	10,930	1,001	310	30,452	17,905	6,872	621
Yale University	8,192	595	176	18,982	11,242	4,916	279
University of Illinois-Urbana Campus	6,808	551	122	15,500	8,932	4,724	228
University of California-Berkeley	6,611	721	170	26,024	17,603	5,115	520
University of Michigan, Ann Arbor	5,802	544	143	14,795	10,072	3,355	275
Columbia University, Main Division	5,461	559	128	18,340	11,316	4,260	393
University of California-Los Angeles	5,453	692	190	27,586	16,805	5,850	614
University of Texas at Austin	5,402	593	131	19,441	11,261	6,539	182
Stanford University (Calif.)	5,318	590	155	25,202	16,377	5,755	351
University of North Carolina at Chapel Hill	4,851	370	109	12,639	6,475	4,228	246
University of Chicago	4,661	334	77	12,433	6,942	2,980	247
University of Wisconsin-Madison	4,495	519	132	17,179	9,936	4,141	218
University of Washington	4,416	483	125	14,833	8,445	4,313	373
Indiana University at Bloomington	4,366	495	109	12,092	7,399	3,516	210
University of Minnesota, Minneapolis-St. Paul	4,229	412	109	15,138	9,255	3,570	382

<sup>1</sup> Full-time equivalent. <sup>2</sup> Includes salary equivalents of contributed services, fringe benefits of total staff, and wages of student assistants charged to library budgets. <sup>3</sup> Includes expenses of book stock, periodicals, audiovisual materials, and other library materials.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1988.